SOUTHEASTERN REPEATER ASSOCIATION MEMBER SERA

SERA Repeater Journal

Coordinating The SouthEast

FEB., MAR., APR. 1994 3.00

10--STATE LIST REPEATERS INSIDE!

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12 Clubs Talked About
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In This Issue of The Journal!

Joe Melton, WB4SLF Receives Award

-See NC News Inside

Also In This Issue. . .

- ✔ Updated 10-State + DC Repeater Listing
- ✔ 1994 Southeastern Hamfest Calendar
- ✔ 1994 VE Exam Schedule
- ✔ 1994 SERA Officers Installed
- ✔ W4ZPU Still Sells The Stuff!

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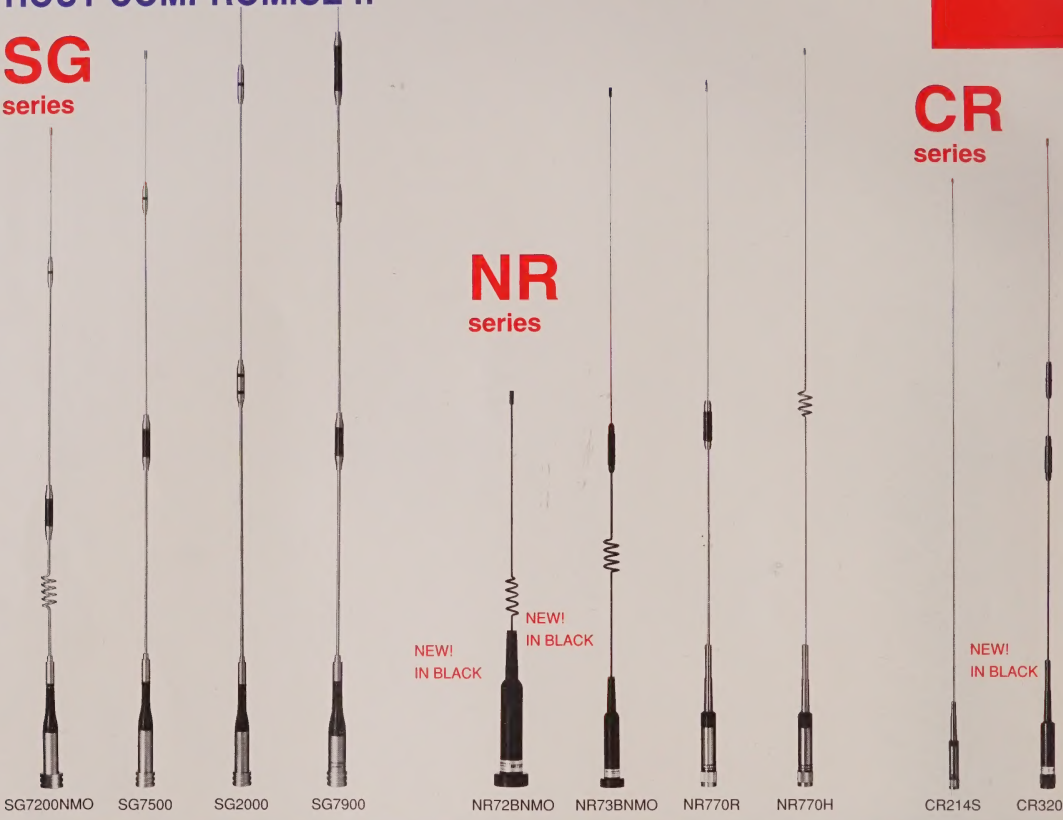

SG7200NMO SG7500 SG2000 SG7900 NR72BNMO NR73BNMO NR770R NR770H CR214S CR320A

MODEL	BAND	GAIN(dBd)	POWER (w)	MOUNT	HT (IN)	ELEMENT PHASING
NR-72BNMO	2m/70cm	2.15	100	NMO	13.8	1/4 λ ,1/2 λ
NR-73BNMO	2m/70cm	2.15/5.3	100	NMO	33.5	1/2 λ ,2-5/8 λ
NR-770SA	2m/70cm	2.15/2.15	100	UHF	16.9	1/4 λ ,1/2 λ
NR-770HA	2m/70cm	3.0/5.5	200	UHF	40.2	1/2 λ ,2-5/8 λ
NR-770HNMO	2m/70cm	3.0/5.5	200	NMO	38.2	1/2 λ ,2-5/8 λ
NR-770RA	2m/70cm	3.0/5.5	200	UHF	38.6	1/2 λ ,2-5/8 λ
NR-790A	2m/70cm	4.5/7.2	120	UHF	57.5	6/8 λ ,3-5/8 λ
SG-7000	2m/70cm	2.15/3.8	100	UHF	18.5	1/4 λ ,6/8 λ
SG-7200NMO	2m/70cm	3.2/5.7	150	NMO	36.6	1/2 λ ,2-5/8 λ
SG-7500A	2m/70cm	3.5/6.0	150	UHF	40.6	1/2 λ ,2-5/8 λ

MODEL	BAND	GAIN(dBd)	POWER (w)	MOUNT	HT (IN)	ELEMENT PHASING
SG-7900	2m/70cm	5.0/7.6	150	UHF	62.2	7/8 λ ,3-5/8 λ
SG-2000	2m	5.2	150	UHF	62.6	7/8 λ
NR-140A	1-1/4m	3.8	100	UHF	36.2	5/8 λ
NR-124	23cm	8.4	100	N	25	4-5/8 λ
CR-214S	2m/1-1/4m	2.15/3.4	120	UHF	37	1/2 λ ,5/8 λ
CR-224A	2m/1-1/4m	5.0/6.0	150	UHF	68.5	7/8 λ ,2-5/8 λ
CR-320A	2m/1-1/4m/ 70cm	2.15/3.8/5.5	200/ 200/100	UHF	37.4	1/4 λ ,1/2 λ , 2-5/8 λ
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SERA

The Repeater Journal Covers the SouthEast

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.

FEBRUARY, MARCH, APRIL, 1994 - ISSUE I

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FOR LOCAL ASSISTANCE

Repeater owners and users are urged to contact their individuallocal state SERA Directors/Vice Directors or Assistants for assistance, information, coordination or other needs as required.

Page 1 - Editorially Speaking . . !

Responsibility!!

-A SERA Guest Editorial by Mark Regan, KD4CSM

So you've been a ham now for two years - or twenty. You can rag chew for fifteen minutes without taking a breath on 2-meters or 20 meters. With your shiny new amp and multi-element beam you can hit any repeater within 100 miles. Sometimes in doing this you bring up several other repeaters, but since you don't realize it, you don't worry. You always use your mobile unit on high power to make sure that you don't get "stepped on" by someone else. You keep your transmissions tight so that no "breakers" can intrude on your banter even if it's life or death emergency. What you ate for breakfast and the last time you burped constitute 90% of your comments on the air. You don't join the ARRL because of "politics," and don't pay dues to the local repeater clubs to support the repeaters you use, because you only use them an hour a day during peak times.

I respectfully suggest you have a DUTY to breathe now and then, unkey, and leave space for others to transform your monologue into an actual communication that enlightens others who participate or listen. By law, you have a duty to use the minimum power necessary at all times so as not to cause interference to other repeaters or users.

I contend, also, that you have a duty to support the ARRL and the local repeater groups, as well as the coordination organization. Although you might not agree with everything that goes on, we amateurs MUST have a strong, unified voice, or we might find more of our frequencies going to the highest bidder on the auction block.

More importantly, I contend that EVERY amateur operator has a duty to educate himself/herself/each other about electronic theory. That's why license upgrades were invented. Technical investigation and experimentation (construction projects, antennae, development or refinement of new modes) are things we should be doing regularly. If we don't develop our skills and abilities, we resign our future and our national debt to those who will.

We also have a responsibility to the public. ARES and RACES participation, bike ride communications support, North Pole contacts with Santa on behalf of kids, helping out with communications at any large public event -- all merit investments of our time and equipment.

With as many hams as are licensed in the area, there should NEVER be an old lady broken down on the side of the road without a ham stopping to offer help -- whether it's to call a tow truck or police car for her, or to offer to change a tire or get a gallon of gass -- hams have a duty to offer help.

How many hams fail to report accidents to the police, causing the victims to have to hoof it down to a pay phone, only to return to find out that the other driver has fled the scene? Maybe we'd rather let the police depend on untrained cellular telephone users. We all know the cellular telephone industry is happy to have the politive publicity that helping others brings. Surely hams don't need or want to bring any credit to their organization if it means having to be helpful to others. I say that if we don't stop for a minute (if it's safe to do so) and offer to call for an ambulance or tow truck, or notify the police, and employer or spouse, that we haven't done our civic duty.

With the number of drunk drivers on our roads jeopardiz-

Continued on Page 14

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SERA Repeater Journal

Feb., Mar., Apr. 1994 - Volume 23, No. 1
Organized In 1971 - "Beginning Our 23rd Year"

The Voice of SERA, Inc.
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About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the ***Repeater Journal***. Associate Membership deadlines are the 15th of the month preceding months of publication -- Jan. 15, April 15, July 15 and October 15. Persons joining or renewing their membership must have their application into the Tobaccoville Post Office Box by these deadlines to receive the next upcoming ***Repeater Journal***, published the first week of February, May, August and November. Memberships received after any deadline will not receive next to-be-published ***Repeater Journal***, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (***Repeater Journals*** mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership ***Repeater Journals*** are mailed 3rd Class Bulk Mail. SERA does not issue receipts for Membership applications, nor are Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next ***Repeater Journal*** comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, N.C. 27050-0215. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater respresentatives who are SERA Full Members. Any repeater owner or club may join SERA as a Full Member if they have an operable repeater on the air. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the ***Repeater Journal*** from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a asterisk (*) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, N.C. 27050-0215.

About the SERA Repeater Journal

The SERA ***Repeater Journal*** is published quarterly, the first week of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the ***Repeater Journal.*** (See Important Note this page) provided proper credit is given. The ***Repeater Journal*** Editor will swap newsletters with other Repeater Councils, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, ONE month prior to publication. News deadlines are the first of the month prior to publication month. ***The Repeater Journal*** is entered as Third Class Mail at the Post Office in Greensboro, N.C. The ***Repeater Journal*** newstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the surrounding 8-state area. (See list elsewhere this issue). All news and Newsletter exchanges should be mailed to the Editor: Wayne C. Williams K4MOB, 600 Lakedale Road, Colfax, N.C. 27235.

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is one of the largest, most well known non-profit Repeater Coordinating Copuncils in the United States. SERA territory covers over 1,700 repeaters in member States of North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi. SERA celebrates its 23rd anniversary in 1994 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of ***The Repeater Journal***, and the guidance of our State (Director) Coordinators, officers and volunteers. Your support, comments and reccomendations are appreciated.

SERA Winter Board Meeting Held

-by Wayne C. Williams, K4MOB
The Repeater Journal

The SouthEastern Repeater Association, Inc. held their Winter board meeting at the Holiday Inn on Marchant Road in Knoxville on January 8-9.

The meeting was called to order by David Shiplett, AC4MU. The new officers were sworn in to fill the 93-94 term. Reelected was Dave Shiplett, KC4MU, President; Nita Wofford, N4DON, Vice-President; and Ray Adams, N4BAQ, Treasurer. H. Alex Hedrick, Jr., N8FWL was elected the new Secretary.

All states were represented either by Director or Vice-Director except Tennessee.

Directors Reports

Each Director reported about his state. Many said they were busy working on some interference problems between repeaters. Some had some uncoordinated repeater problems to contend with. Several Directors noted a rash of 6-Meter repeater requests all of a sudden.

ATV Band Issue

The group discussed the ongoing issue of ATV frequencies. They all agreed that the ATV band plan issue needs to be addressed. Input from those hams who are active and knowledgeable in ATV will be solicited, and possibly have some attend the summer meeting to present their views.

Treasurers Report

Ray Adams, N4BAQ offered a SERA liability report and reported that if the organization ceased to exist as of this minute, it would owe membership refunds of $13,623.50. At the present time there was $21,385.42 in the bank. (See complete year's financial report elsewhere in this Journal issue)

Ray reported further that he will change accounting procedures for membership dues. This will take effect as soon as possible. The change will show dues collected, not earned, as a liability. This will reflect a more accurate picture of actual surplus money in the bank. Ray said he was also changing to a quarterly statement instead of monthly statements.

Records Keeper Report

David Ward, KA4LVO discussed a problem that needed addressing. The data sheet mailing, response time, and directors input time, conflicts with the ARRL deadline for uploading our repeater listings for the ARRL Repeater Directory each January.

Due to David's time limitations, it was becomming impossible to get all the information in that is required in such a short time span.

There was discussion of moving the datasheet mailing time up to an earlier time might be feasible. It was agreed to move the datasheet mailing back to August 1st. This will give Directors and Vice-Directors time to address changes that have been made to repeater data that conflicts with Policy 9 (see story this issue) in order that these repeaters might remain in coordinated status.

David announced a need and desire to upgrade the SERA computer due to hard drive space limitations, speed, and ease of operation. The Board agreed to allow David to purchase a new computer as needed, and deliver the old unit to the Secretary for his use.

Executive Committee

Wayne Williams, K4MOB was reappointed to the "at-large" position in the SERA Executive Committee. The four other members are the elected officers of the organiztion.

New Kentucky Vice-Director

Jeff Martin, N5KOL, Kentucky Direcor nominated Mark Smith, KM4IV of Ivel, Ky as his new Vice-Director. The Board approved. Martin had assumed the post of Director, vacated by Terry Estes, WB4ASZ at the end of the year, which now left the Vice-Director post open.

Dialogue with T-MARC

Don Williams, Virginia Vice-Director said he had sent a letter to the new T-MARC coordination council President to open dialogue between the two organizations. (T-MARC Coordinated Northern Virginia, the West Virginia Panhandle, Maryland, DC and Deleware.) He said the new T-MARC president Owen Wormser has agreed to meet with SERA representatives in the near future.

Band Plan Expansion for 440

Steve Grantham, N5DWU, Director of Mississippi who had been apponted by President Shiplett to study the possible expansion of the 440 band presented a written copy of his plan for 440 to 442 and 445 to 447 MHz spectrum. The proposal included new limited coverage repeaters, links and control channels, voice and digital, cross band simplex repeaters, narrow band digital repeaters, and wide band digital duplex for point to point links. The Directors and Vice-Directors will circulate the list for comment to known 440 users in their areas.

Coordination Policy

President Shiplett asked all Board members to review Coordination *Policy* 11 (Relinquishing Repeater Pairs), *Policy 17* (Repeater De-Cordination), *Policy 18* (Interference Policies), and *Policy 19* (Interference Review Procedures), and to suggest modifications or rewrites at future meetings.

Summer Meeting

The SERA Board Summer meeting was set for July 23-24 at Knoxville, Tn. All requests to be placed on the agenda are to be forwarded to the Secretary.

The Board adjourned Sunday morning after 6 hours of sessions Saturday afternoon, night and sunday morning.

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FOR PRE-REGISTRATION AND SWAPFEST TABLES, CONTACT:

CHARLOTTE HAMFEST
P. O. BOX 221136
CHARLOTTE, NC 28222-1136
(704) 841-HAMS

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The Repeater Journal Annual 8-State Repeater Census

Repeater Growth 2nd Largest in History in 1993

-by Wayne C. Williams, K4MOB

Maybe the influx of new hams in the Amateur ranks caused it - we don't know, but 1993 was a banner year for new repeaters across the Southeast. In fact, the 190 additional repeaters, an 11% increase, added to our database since our measuring period last February was the second biggest growth year we have ever calculated in SERA Territory. The biggest year was 1991 when 193 new machines came on line. (The chart shows a big jump between 1988 and 1989, which was the year the remainder of Kentucky, and all of Mississippi were added to the database.)

By The Band

For the sixth straight year, the 70 cm band has been the band with the most growth, and is constantly gaining on our largest band - 2 meters. In 1993, 95 new 450 repeaters were on, compared with 46 new 2 meter machines. 70 cm repeaters now represent 29.7% of all repeaters in SERA territory.

The slowdown on 2 meters is obviously due to saturation of that band. Around most major cities or heavily populated areas, there have been no 2 meter frequency pairs for several years. It still remains by far our largest band, with 53.4% of all the repeaters.

220 MHz. continued a very slow growth last year, as only 9 more machines were added over the eight states. Tennessee provided 5 of them, where North Carolina actually lost 3.

The slowest band continues to be 10 meters, gaining only 1 repeater since 1989. After a dip in 1989 and 1990, 6 meters took a healthy jump by 13 repeaters last year.

Our super high bands are moving up very slowly. We only added four 1.2 GHz machines last year. The 920 MHz band stood still with six machines, the same as in 1992.

By The States

Our three largest repeater states also posted the most gains in repeaters. Tennessee our largest, posted 41 more machines, making their total now 392. Second in gains in '93 was Georgia with 32, making their total now 353 machines. North Carolina, the 3rd in repeater population picked up 29 more machines for a total of 341.

Other states increased slight ly their numbers of repeaters including Kentucky with 23, West Virginia 22, Virginia 18, Mississippi 17, and South Carolina 9.

West Virginia picked up considerablely to tie South Carolina for 7th place in repeater population.

We might remind you at this point, these numbers represent only overall gains in repeater population during the year. In actuality, there may have been many machines that went off the air, and were replaced by new ones. Other machines had ownership changes. Re-coordinations or new coordinations generally number several hundred each year. Whenever a repeater goes off and relinquishes the frequency, it is usually snatched quickly by a new machine in the same area.

Free Copies Available of Proposed 440 Band Plan

Readers who are interested in the proposed 440 Band Plan Expansion mentioned in the Board Meeting story, may obtain a free copy by writing the editor of the Repeater Journal. (See Page 1 for address) A business sized self addressed, stamped envelope must be enclosed to receive copies. The report with cover letter is four pages in length.

If upon receipt of the proposal wish to comment, type your comments and mail them to the SERA President.

FEBRUARY 1994 REPEATER CENSUS

DIST	TOTAL ALL REPEATERS - PER STATE PER YEAR 84	85	86	87	88	89	90	91	92	93	94
NC	180	204	220	211	212	220	228	238	267	312	341
SC	72	81	83	82	83	84	92	97	113	117	126
TN	188	191	191	209	218	271	283	291	335	351	392
VA	152	175	168	172	193	203	158	183	194	211	229
WV	62	70	84	90	91	92	96	101	104	104	126
KY	x	x	25	31	39	123	120	128	159	170	193
GA	x	x	184	196	218	246	261	274	310	322	353
MS	x	x	x	x	x	84	88	96	119	128	145
TTLS	654	721	955	991	1054	1323	1326	1408	1601	1715	1905

SERA-SOUTHEASTERN REPEATER ASSOCIATION, INC. - REPEATER GROWTH BY-BAND, BY-STATE OF EACH CALENDAR YEAR.

10-METER BAND

DIST	84	85	86	87	88	89	90	91	92	93	94
NC	2	3	2	2	2	1	2	2	6	5	6
SC	0	0	0	2	1	1	2	1	1	1	1
TN	2	1	2	2	6	6	5	7	6	6	6
VA	1	0	2	2	5	5	4	1	3	2	0
WV	0	0	0	0	0	0	0	4	1	3	2
KY	0	x	x	x	x	x	x	x	2	4	3
GA	x	x	x	x	x	x	x	x	4	3	3
MS	x	x	x	x	x	x	x	x	3	1	1
TTLS	5	6	9	10	17	21	20	16	20	22	22

6-METER BAND

DIST	84	85	86	87	88	89	90	91	92	93	94
NC	9	9	3	10	6	7	4	5	8	14	15
SC	3	2	3	9	2	7	4	1	1	1	1
TN	6	6	7	10	10	13	12	11	14	13	16
VA	15	14	12	13	13	12	10	10	7	9	10
WV	0	x	1	6	6	5	3	2	2	2	3
KY	x	x	x	3	3	2	3	2	3	2	3
GA	x	x	x	3	3	5	6	7	8	10	14
MS	x	x	x	x	x	x	2	2	0	1	1
TTLS	33	32	40	46	43	47	41	40	43	53	66

450 MHz. BAND

DIST	84	85	86	87	88	89	90	91	92	93	94
NC	14	25	36	32	33	31	39	43	64	89	105
SC	5	12	9	11	14	17	18	20	26	26	30
TN	29	31	35	43	42	64	70	76	94	108	124
VA	25	37	36	36	40	48	32	51	54	65	65
WV	x	3	3	5	10	11	10	14	15	17	19
KY	x	x	x	2	5	10	11	10	14	15	30
GA	x	x	x	25	35	44	53	61	72	89	114
MS	x	x	x	x	x	x	x	11	13	22	29
TTLS	76	105	150	166	182	243	259	323	401	471	566

920 MHz

DIST	84	85	86	87	88	89	90	91	92	93	94
NC	141	146	151	152	156	170	180	181	152	156	170
SC	108	111	118	116	95	101	107	113	176	183	186
TN	133	139	138	139	159	162	167	176	183	186	120
VA	104	111	108	111	118	116	95	101	107	113	120
WV	57	64	71	71	76	75	78	77	77	87	87
KY	x	x	142	138	142	155	156	153	163	165	170
GA	x	x	x	x	x	x	x	63	84	89	95
MS	x	x	x	x	x	x	x	x	x	x	x
TTLS	491	519	683	688	707	878	862	871	937	971	1017

1270 MHz

DIST	84	85	86	87	88	89	90	91	92	93	94
NC	24	25	28	27	30	34	36	37	41	47	44
SC	4	8	5	6	7	10	10	18	17	18	18
TN	14	14	14	16	21	29	33	32	38	41	46
VA	7	10	10	17	18	19	21	23	24	24	24
WV	x	x	x	2	4	6	4	6	9	12	14
KY	x	x	x	x	x	5	5	8	9	12	14
GA	x	x	x	12	16	23	28	33	39	43	46
MS	x	x	x	x	x	x	5	5	8	9	8
TTLS	51	59	73	81	105	134	144	158	185	198	207

BEA CONS

DIST	84	85	86	87	88	89	90	91	92	93	94
NC	0	0	0	0	0	0	0	0	0	0	0
SC	0	0	0	0	0	0	0	0	0	0	0
TN	0	0	0	0	0	0	0	0	0	0	0
VA	0	0	0	0	0	0	0	0	0	0	0
WV	0	0	0	0	0	0	0	0	0	0	0
KY	0	0	0	0	0	0	0	0	0	0	0
GA	0	0	0	0	0	0	0	0	0	0	0
MS	0	0	0	0	0	0	0	0	0	0	0
TTLS	0	0	0	0	0	0	0	0	0	0	0

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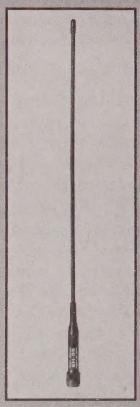

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Connector: BNC

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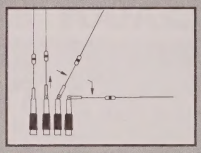
Max Power: 10 watts
Length: 1.75"
Connector: BNC



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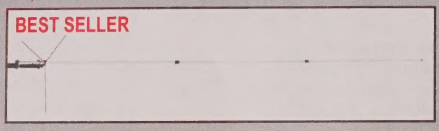
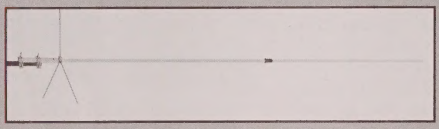
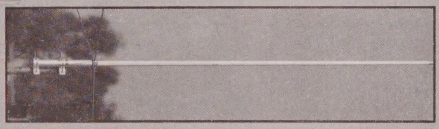
COMET™ DUAL-BAND BASE & REPEATER



CA-2x4MAX
Gain & Wave:
146 MHz 8.5dB 5/8 wave x 3
446 MHz 11.9dB 5/8 wave x 8
Max Power: 200 watts
Length: 17' 8"
Connector: SO-239

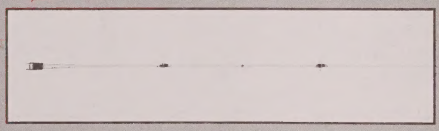


CA-2x4WX
Dual-Band 146/446MHz
Gain & Wave:
146MHz 6.5dB 5/8 wave x 2
446MHz 9.0dB 5/8 wave x 5
Max Power: 200 watts
Length: 10' 2"
Connector: SO-239

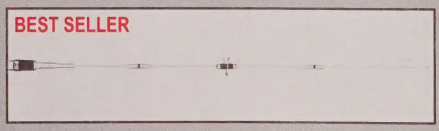


CA-2x4FX
Dual-Band 146/446MHz
Gain:
146MHz 4.5dB
446MHz 7.2dB
Max Power: 200 watts
Length: 5' 11"
Connector: SO-239

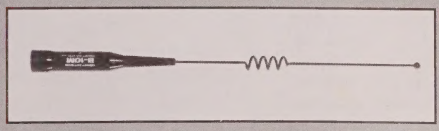
COMET™ DUAL-BAND MOBILE



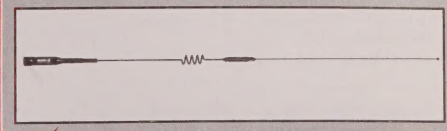
CA-2x4MB
Dual-Band 146/446MHz
Gain & Wave:
146MHz 4.5dB 7/8 wave
446MHz 7.0dB 5/8 wave x 3
Max Power: 150 watts
Length: 4' 10"
Connector: PL-259



CA-2x4SR
Dual-Band 146/446MHz
Gain & Wave:
146MHz 3.8dB 5/8 wave
446MHz 6.2dB 5/8 wave x 2
Max Power: 150 watts
Length: 3' 4"
Connector: PL-259

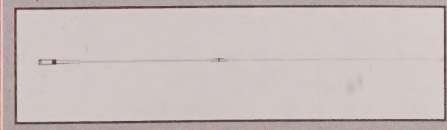


B-10/B-10NMO
Dual-Band 146/446MHz
Gain & Wave:
146MHz -dB 1/4 wave
446MHz 2.15dB 1/2 wave
Max Power: 50 watts
Length: 12"
Connector: PL-259 or NMO Style



B-20/B-20NMO
Dual-Band 146/446MHz
Gain & Wave:
146MHz 2.15dB 1/2 wave
446MHz 5.0dB 5/8 wave x 2
Max Power: 50 watts
Length: 30"
Connector: PL-259 or NMO Style

COMET™ SINGLE-BAND MOBILE



CHL-185
2 Meter Mobile Antenna
Gain & Wave:
4.1dB 5/8 wave
Max Power: 200 watts
Length: 4' 8"
Connector: PL-259

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948 Member Repeaters Strong

SERA Full Membership Off To Great Start!

-by Wayne C. Williams, K4MOB
Editor, The Repeater Journal

I remember David Ward, KA4LVO, our SERA Computer Records keeper telling me in December things were running heavier than usual with the returning repeater datasheets, and full memberships. Boy was he ever ri_ht.

Repeater renewals increased by 17.2% this year compared to the same startup time in 1993. In fact there was an increase in seven of the eight SERA states, and one state tied with last year.

I am quite proud to say that we are standing at 49.76% membership just 17 days into the new year. Not only is that a good showing, but we added 174 more repeaters to our database during 1993, making us work harder to get that percentage. As you know, all repeater memberships expire on December, and must be renewed on January 1st of every calendar year.

To wipe the slate clean on December 31 and come back in 17 days with 948 new members just boggles the mind.

Looking at individual percentage of membership against total repeaters in each state, North Carolina once again leads with 65.98% membership. But lookout! Virginia is getting serious, they came in with 63.76%. This could be a real battle of the percentages before the year is out. Third in percentages is West Virginia with 50.79%, followed by Georgia with 49.29% and South Carolina with 47.62%.

Tennesse came in 5th in percentages with 39.03%, then Kentucky 38.34% and Mississippi 35.86%.

West Virginia had the strongest percentage gain compared to the same period in 1993. They jumped from 41.4% to 50.79%. Mississippi was second moving from 28.2% to 35.86%.

In overall repeater members renewing, North Carolina left everyone in their dust - 225. Georgia was next with 174, followed by Tennessee with 153 and Virginia with 146.

Overall, SERA has 948 out of 1,905 repeaters already registered as 1994 members for a startup percentage of 49.76%.

As we mention every year, there will be large numbers of repeater owners who will renew after this issue of the Journal hits their mailboxes, and they discover the "D" for delinquent, or "N" for Non member beside their listing in the repeater index.

We also want to assure any repeater owner - Full Membership in SERA is not required for Coordination, assistance or any other services from our Coordinators. We do remind you that SERA has to spend many dollars communicating, coordinating, and numerous other expenses to carry on in the manner in which the Southeastern repeater owners and operators expect us to. All our operating funds come from voluntary membership.

The payback for joining is continuation of first class service, and the publishing of the Repeater Journal to keep each of you informed as to what is happening.

SERA, now 23 years old, is the second largest repeater coordinating council in the United States. But I think we have the best, most serious, most established, most informed, and most respected council in the country. For us, bigger is not better.

You repeater owners in the Southeast - we thank you for your tremendous support, unequaled anywhere.

Your comments and constructive criticism is always appreciated and is taken under serious advisement. SERA is ***your*** organization, made up and governed by elected repeater owners just like you. Their views reflect the overall consensus of repeater owners and users in the Southeast. Your communications with them, helps achieve our overall goal, to continue to lead the country in trouble-free repeater operation through coordination and communication we and our users expect and demand.

More In '94 Contest Sked In Journal Cancelled

-by Wayne C. Williams, K4MOB
Repeater Journal Editor

We ran a couple of small items in the last Repeater Journal about our planned "More in '94" Contest. Unfortunately, we must report it never got off the ground.

I made the proposal, outlined what we wanted to do, how much money I figured it would cost, and how I felt it would pay for itself. The proposal was presented to two members of the SERA Executive Board, to see what they thought before bringing it before the full Board for approval.

We didn't get much, if any response from them, and in the mean time, it became too late in the month to pursue it further. Our plan was to launch it in the February Journal and end at the Shelby Hamfest.

Considering the coolness toward the idea from those members of the Executive committee, and the time constraints, the idea was never brought up at the full Board meeting.

We're sorry for the premature announcement. I just over reacted, thinking everyone felt the same as I did about working on more Associate Membership, by spending the money necessary to promote a worthwhile contest for readers of the Journal.

We'll call it my bad judgement. The contest unfortunately will not be held. Someday, maybe we'll be lucky and someone else will come up with an idea that won't cost any money.

SERA - SouthEastern Repeater Assn. Full Membership

By State - By Year - From 1985 to Present

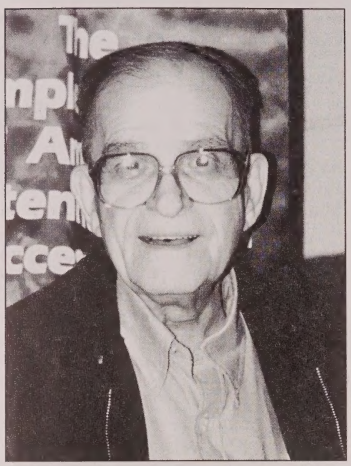
SERA DIST	TTL '85	TTL '86	TTL '87	TTL '88	TTL '89	TTL '90	TTL '91	TTL '92	TTL '93	CURR '94 MBR. RPTRS	1994 CURR Mbr%	TOTAL STATE RPTRS
NC	149	147	123	145	181	157	189	220	243	225	65.98%	341
SC	56	43	44	46	59	50	53	60	68	60	47.62%	126
VA(1)	92	88	98	99	151	122	127	136	157	146	63.76%	229
WV	41	40	51	39	51	54	67	70	62	64	50.79%	126
TN	85	63	80	80	111	128	155	179	188	153	39.03%	392
GA(2)	109	125	110	100	104	124	142	173	195	174	49.29%	353
KY(3)	18	21	19	15	48	53	66	70	80	74	38.34%	193
MS(4)	--	--	--	3	12	36	38	36	50	52	35.86%	145
TTLS	550	527	525	527	717	724	837	944	1043	948	49.76%	1905

(1) Total Virginia list does not include 84 repeaters in T-MARC Territory, (N of Highway 33 and Latitude 38-degrees North, and 8 repeaters In the West Virginia Panhandle area under T-MARC.
(2) Georgia assumed SERA District Status in mid 1985.
(3) EKY assumed SERA District in 1985, W. Ky in late 1989. District renamed Kentucky District.
(4) Mississippi assumed SERA District status in late 1989. *Updated as of 1-17-94*

After 40 Years On The Hamfest Circuit

Now - W4ZPU Sits Back and Takes It Easy

-by Wayne C. Williams, K4MOB
as told by Joe Willis WA4GTV



STAN POPE, W4ZPU

You don't see him around as many hamfests as you use to, in fact he only attends a few of the one day affairs near him home in Cramerton, NC.

Stan Pope has an excuse though. He's been "peddling" radios for 40 years, and at 73, he's just decided to slow down a little bit, and take life a little easier.

Stan, W4ZPU was a fixture on the hamfest circuit in the Southeast from the early fifties until he slowed down just a few years ago.

His "company" didn't really have a name. But it didn't matter. Everyone knew him merely as Stan. They knew that if you wanted a good used piece of ham equipment, at a fair price, Stan's table was the place to try first.

His main inventory was rows of shiny used HF rigs, and associated assessories. Stan bought used equipment wherever he could find it. From other fleamarketeers, private individuals, sometimes dealers, if he could get a good price that would allow him a few extra bucks in the transaction.

Joe Willis, WA4GTV told me that Stan was his best friend.

"I started traveling with him in 1985 right up to today, and I've never regretted it," Joe told me. "Stan was the easy going kind of guy that you always felt comfortable with, and I always listened with great interest to what he had to say."

Stan Pope first got his ham license in 1953 while he was a supervisor at the Textile mills in Cramerton. According to Joe, a fellow named Oscar Norris, W4OSH, who was a neighbor, helped Stan get his license. As a result, Stan began taking Oscar, who was visually handicapped, around to some of the area hamfests, so he could peddle some of the "hamstuff" he traded around with.

This sparked an interest in Stan, and he decided maybe he should try this "horsetrading" thing a little bit too. After a while, he was hooked, and thus he begame Stan Pope, the "horsetrader."

In the '70's Stan had some heart problems which forced him to retire from the textile mills. But he continued his hamfest selling.

Stan had a philosophy he always abided by - "Never mix Radio Money with Family Money." This Joe said, kept him out of trouble with the wife, because ham selling is like gambling, "you win some, and you lose some."

When Stan drove into town the morning of a hamfest, you could generally hear his happy voice on the local repeater, greeting the swarm of friends who called in to say hello. Perhaps the most well-known phrase you heard from Stan was when he signed with his callsign - "W4 Zulu Pulu Ulu."

There was one thing you could bank on if you bought a radio from Stan Pope, he told you how it was, and he stood behind his words. He tried to carry only good conditioned equipment, but if there was a problem, he took care of his customers.

This was what most of us will remember Stan today for - Integrity, honesty, and friendliness.

As we said, he's not traveling to many hamfests anymore. We miss him, but we know, he deserves a rest, after all, he has served the hamfest market for 40 years. There aren't and haven't been many around that can make that claim, and there will probably never be any more around again . . . ever!

Hang in there Stan, old friend, we'll always remember you, and we all feel honored to be able to call you "our friend."

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ALINCO and WILLIAMS

The Perfect Combination Quality and Service!

20th Anniversary Sale-A-bration
PRICES CUT THRU 3-31-94

Finally a 2M H/T with a NEW Feature That's Really Useful
AND WILLIAMS HAS GOT IT -
THE ALINCO DJ-G1T

DJ-G1T $309.00
7.2v 700 Ma Batt.

Alinco's newest 2M H/T, the DJ-G1T offers the new "Channel Scope" built-in Spectrum Analyzer. This remarkable feature lets you visually monitor band activity much like a Digital Spectrum Analyzer. In addition, DJ-G1T also has 80 memories, full VHF receive coverage, incl. AM Acft., plus 440-449.995 rec. (for Cross Band Semi Duplex), DSQ Paging, CTCSS encode, 6 scan modes, odd splits, 5 auto dialer mem. with prog. delay and much more. 3W - 7.2V 700 Mah batt. std. 5W w/ built-in DC-DC or with 12V opt. Battery.

DJ-G1T
Dim:
4-1/2h x
2-w x
1-1/2d
(In.) wt.
12.6 oz

DJ-G1T accessories not all available yet. Watch for 5W (H) and long-last (LL) versions exclusively from Williams soon!!

ALINCO DJ-G1T PRICE CUT $30

ALINCO DR-1200T - Digital 25w 2M in Stock-$275.00

ALINCO DJ-F1T

DJ-F1T $259.00
7.2v 700 Mah Batt.

DJ-F1TH $279.00
7.2v 700 Mah Batt.

DJ-F1T
DJ-F1TH
Dim:
4.3h x
2.1w x
1.5d wt.
12.6 oz

PRICE CUT $20

The DJ-F1T has 40 mem., DSQ paging, CTCSS encode, VHF plus AM Acft coverage, auto. batt save., APO, 6 modes of scan, built in DC-DC, lighted keypad & dial. 3w std. 5w with opt. 12V batt or direct. Also assignable priority and call channels DC. (DJ-F1TH - The smallest 5W radio on the Amateur market today.

ALINCO DJ-180T

DJ-180T $199.00
7.2v 700 Mah Batt.

180-TH
12v 800 Mah Batt
180-LL
7.2v 1,500 Mah Batt
$229.00

The DJ-180T(H) and (LL) series is packaged by Williams Radio Sales.

DJ-180T
Dim:
5.6h x
2.14w x
1.25d
12.3 oz.

(H)&(LL)
6.6h

PRICE Cut $20

Compact economical & tough 2M H/T. Freq. step entry, 10 Mem, (opt 50 or 200) DTMF TT, batt save, APO, scan, kybd/ptt lock. 3w std, 5w with opt. DC adapt/ cable or 12v batt.

INCREDIBLE DJ-580T DUAL BAND H/T

The DJ-580T Twin Band Handheld sports 40 memory channels which can be REASSIGNED to 2M or 450 as you desire. The DJ-580T with ergonomic design has rugged as nails contruction and all the features you could ever want, incl: DSQ paging, Cross band repeat, CTCSS enc/dec, assignable priority, 8 modes of scan, DC to DC built-in for 5 watts, 3 power levels, APO, battery save, autodialer mem., keybd and ptt lock, lighted key pad and readout.. Theres more! Just check out the DJ-580T today. Williams has 3 different models to choose from: reg. DJ-580T, the (H) & (LL) models

DJ-580T $369.00
7.2v 700 Mah Batt.

DJ-580H $399.00
12v 800 Mah Batt.

DJ-580L $399.00
7.2v 1,500 Mah Batt

DJ-580T
Dim:
5.6h x
2.3w x
1.3d (in)
14.4 oz

(H)&(LL)
6.7 high

PRICE CUT $45

ALINCO DR-130T

50 Powerful watts from the 2-Meter DR-130T. Has 20 memories, expandable to 100 with EJ-19U exp. unit. User programmable transmitter time out (TOT), from 30 to 450 seconds. CTCSS encode with 12 new tones plus 38 std. Decode is opt. with EJ-20U bd. Each memory can be prog independently to incl. any odd offset, tones and shift. New compact size. Tune mem. or VFO from up/down buttons on DTMF TT microphone. Hi/Lo power, call chan. rev. oper. Orange bklit LCD display. True FM - great sounding mobile radio!!!

DR-130T - $309.00
Dim: 5-1/2w x 1-5/8h x 6d - 2.65 lbs -CUT $20

ALINCO DR-570T

The old standard lives on. The 45/35W twin band is still the best $$$ dual band value on the Amateur market. Has 20 mem. Twin LCD (orange backlit) readouts, twin tune, volume and squelch controls. CTCSS enc/dec std. Duplexer built-in. W-I-D-E receive coverage. Tune up/down mem. or VFO on up/dn buttons on 16 pos. TT microphone. Cross band full duplex. Cross band repeat with the simple flick of a switch. The DR-570 comes complete - nothing else to buy! Dual band operation at a great price from Williams Radio Sales!!!

DR-570T - $525.00
Dim: 5-7/8w x 2h x 6-7/8d - 4.05 lbs - CUT $20

ALINCO DR-600T

Here's the fancy one!! Ergonomic design, can be remotely controlled by a handheld. The DR-600 stands alone in the futuristic dual-band transceivers. Head can be remoted with EDC-20 kit. 40+ memories, incl 10 ARM mem. Has 45/35W, AM acft and full VHF/UHF receive. Three power levels, dim/brite soft orange backlit LCD twin readouts. Keyboard enter frequencies from touchtone on microphone. Move mem. or VFO up or down from 16 button TT DTMF microphone. Duplexer option extra. DSQ incl. Buy Now & Save $$$$

DR-600T - $569.00
Dim: 5-7/8w x 2h x 6-7/8d - 4.05 lbs - CUT $45

Prices good thru March 31 ADD $4.00 UPS shipping. For CODs we pay charges. NC Res. add 6% Sales Tax. NO CARDS.

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Now!!! 20 Years of Amateur Radio Service!

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OPEN: NOON TO 5 and 7 to 10 PM

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TALK IN
146.805 - 600khz

G.A.A.R.C.

GASTONIA AREA AMATEUR RADIO CLUB

2nd ANNUAL MEMORIAL WEEKEND HAMFEST

SUNDAY MAY 29, 1994 / HOURS 8:00 AM TO 4:00 PM
KARYAE PARK, LINWOOD RD, GASTONIA, NC

EASY ACCESS FROM INTERSTATE 85

PREREGISTRATION DRAWING AT 10:00 AM.
GRAND PRIZE DRAWING AT 3:00 PM.
HOURLY PRIZES WILL ALSO BE GIVEN.
DO NOT NEED TO BE PRESENT TO WIN MAIN PRIZE, BUT YOU MUST BE PRESENT FOR HOURLY PRIZES

NOT RESPONSIBLE FOR ACCIDENTS OR THEFT

BREAKFAST AND LUNCH IS AVAILABLE INSIDE PARK.

LOTS OF PARKING INCLUDING HANDICAPPED.
SPACE FOR MOTOR HOMES (SELF CONTAINED ONLY).
**** TAILGATE SPACE INCLUDED WITH TICKET. ****
UNDERCOVER SPACES (IF ANY LEFT AFTER DEALER PREREGISTRATION) WILL BE AVAILABLE AT THE GATE FOR $7.00 EA PLUS ENTRANCE TICKET.

G.A.A.R.C. HAMFEST PREREGISTRATION FORM:

NAME: _____ CALL SIGN: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

DAY PHONE: _____ EVENING PHONE: _____

QUAN OF TICKETS @ $ 4.00 EA. _____ TOTAL FOR TICKETS: _____

TICKETS INCLUDE ONE TAILGATE SPACE. AGE 12 & UNDER FREE.
PREREGISTERED TICKETS $ 4.00 EA. / TICKETS AT THE GATE $ 5.00 EA.
TICKET ORDERS MUST INCLUDE A **S.A.S.E.** / MAKE CHECKS PAYABLE TO **G.A.A.R.C.**
ORDERS RECEIVED AFTER MAY 20, 1994 WILL BE HELD AT THE GATE.

MAIL TO: G.A.A.R.C. , PO BOX 85 , IRON STATION, NC 28080-0085

COMMERCIAL DEALER INFORMATION
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AT 704/922-3593 EVENINGS

GENERAL HAMFEST INFORMATION
CONTACT BILL SHOGRAN / WB4TSW
AT 704/732-1005

PREREGISTRATION INFORMATION
CONTACT JOE PICARD / N4IXC
AT 704/735-1218

SEND ALL CORRESPONDENCE TO
G.A.A.R.C.
PO BOX 85, IRON STATION, NC 28080

W4FPF - 42 Years At The Microphone As Net Control Station for The TN Phone Net

-by O.D. Keaton, WA4GLS, TN SM

John S. Fite, W4PFP, from Watertown, TN from his first calling of the Sunday morning TN Phone net in 1951 until recently was always there - ready to conduct a proper net. He could always be counted on over all those years at his HF microphone.

John had a multi-professional career and successful in all of them. He was a farmer on his own farm and hired his equipment and himself to other farmers in the community. On Oct. 1, 1949, he converted his farming to a secondary profession, making his primary profession an Electrical Inspector for the State of Tennessee. He performed both professions successfully until July 1, 1978, when he retired from the Electrical Inspectors job and again became a full time farmer.

John Fite, W4PFP Calling The Sunday Morning Tennessee Phone Net

John Fite, W4PFP sits at the console of his ham station, ready to call the Sunday Morning Tennessee Phone net, as he did faithfully for 42 years. John has taken a "vacation" from the net for a while due to some health problems. *-photo supplied by O.D. Keaton, WA4GLS*

John had a very good local friend who was a Ham, the late Jim Bradley, W4ERJ, who took John under his wing and began assisting him in the study until in April 1949, John received his Amateur Radio Operators License with the callsign W4PFP. He has been active every since that time; was one of the first in the area to challenge the mobile operation by installing a 10-meter rig in his car, this was very handy since John was in his automobile a lot traveling from place to place to inspect electrical installations.

John was an "Elmer" to other members of this family and this became a Ham radio family. His wife, Cornelia, W4WXI; his elder son William, WB4OIJ and his younger son Reed, WA4UIK. All are successful in their own right.

John became interested in Amateur Radio Public Service in 1951 during the ice storm in middle Tennessee and acted as net control station during that blizzard.

He then, became net control station for the Transcontinental Phone Net which met at 9 PM on 3970 KHz. Immediately thereafter the Tennessee Phone Net needed a Sunday Morning Net Control station and John answered the challenge. The net at that time met on 3980 each Sunday morning at 8 AM Central time, and still does. The only time that John did not call the Sunday morning net was when he was providentially hindered.

Because of his wife Cornelia's illness and his eye surgery that was not completely successful, John has asked that a substitute net control station perform this task until he can return.

John, through his friendly caring and courteous manners in his conducting the net, has developed a close friendship not only throughout Tennessee but all states that hear and participate in the Tennessee Phone Net. All of us wish John and his family the very best and sincerely hope that he can soon return to his Sunday Morning duties, because we miss him and I know he misses performing these services.

IT'S THIS MONTH!

SUNDAY - FEBRUARY 27, 1994

THE FAYETTEVILLE, WV

HAMFEST

IN THE HIGH SCHOOL - WHERE ITS WARM AND DRY

The Best and Friendliest Little Hamfest Around!
DEALERS - FLEA MKT - PRIZES
FOOD & REFRESHMENTS
PLENTY OF PARKING

For Hamfest Info Contact:
JOHN WITT, W8OQC
135 Daniels St.
Fayetteville, WV 25840
(304) 574-0532

PROUDLY SPOSORED
BY THE PLATEAU AMATEUR RADIO ASSOCIATION

Still Time To Join

Repeater owners are reminded, its not too late to join SERA as Full Member repeaters for 1994.

Please use the Full Membership application located on page 49, fill it out and send it in along with the $20.00 membership fee.

One fee allows you to list all of your repeaters as Full Members, and they be indicated as such in the May Repeater Index. Deadline to get your listing for May is April 15. 2 persons will receive the Journal.

Responsibility (Guest Editorial)

(Continued from Page 1)

ing so many lives, how many times do hams follow behind, grateful they are not coming the opposite way? What is so difficult about calling in the tag number, the description of the car, the direction of travel, and the details of the erratic driving that typify the drunk driving that we witness in front of us?

When a child or elderly person is lost, why don't hams volunteer to join the search teams to provide supplemental and backup communications?

When ham radio equipment is stolen, and used to jam repeaters and bring up autopatches, why does no ham offer to participate in a fox hunt team to DF the perpetrator, locate the radio, and notify the authorities?

When the next blizzard or flood hits this area, and churches open impromptu shelters, how many hams will volunteer to set up emergency stations at the shelter to handle communications needs?

With the American astronauts and Russian cosmonauts passing over regularly, why does no ham offer to bring his equipment into an area school to set up a class demonstration.

When Novice and Tech courses are offered by the club, why are the number of volunteers to "Elmer" prospective hams so scarce?

When world conflicts take place, with American service personnel scattered across the globe, why do hams not volunteer in great numbers to help MARS with message handling and phone patches?

Every local ham has a duty to attend the local hamfest and to bring a friend, and when possible, to contribute time and talent to the organizers.

Emergency preparedness is another responsibility of hams. We are of no use to the public during a disaster if our batteries are dead, and we have to depend on others for food, water, and shelter.

If each of us would spend even one hour a week helping fulfill the responsibilities that come with our license to operate, area hams would provide our community with thousands of hours of volunteer service. Think what an impact this would have on our community, and what a credit we would bring to the Amateur Radio Service for this to be known by the FCC and the public.

Therefore, I propose that each ham take a few minutes to budget how much time they are willing to spend each day contributing back to society a fraction of what our licenses are worth in frequency spectrum, and pledge to spend that time in performance of one or more of the aforementioned services.

I might also suggest that each ham should advise the local club or ARRL of their charitable time and equipment contributions for record keeping and publicity purposes on a standardized form, to make it easier to record and track.

Ten minutes a day should not be too much for each ham to return in service to this community. Look into a mirror and and see if I'm talking to you, if so, join me in taking the time to help.

(KD4CSM, P.O. Box 8144, Chattanooga, Tn. 37411.

Editors Note: We chose this article by Mark Regan as our guest editorial because he has a strong argument that makes us all stop and think. Are we doing enough? Are we doing anything? Sure there are many dedicated public service hams out there. They cannot and should not shoulder the load alone. Look at your club, your repeater group, your classes, your hamfest. Are you one of those who works and does the job necessary? If not, these words were meant for you!

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Service: AZDEN, KDK, ADI, Other VHF & UHF Gear

1994 Hamfest Schedule

Jan 15	Greenwood, SC	Jul 16	Atlanta, GA
Jan 29	Greenville, AL **	Jul 30	Asheville, NC
Feb 26	Dalton, GA	Aug 20	Huntsville, AL **
Mar 12	Charlotte, NC **	Aug 27	Madison, GA
Mar 19	Marietta, GA	Sep 3	Shelby, NC
Mar 25	Columbus, GA **	Sep 24	Gainesville, GA
Apr 9	Perry, GA	Oct 1	Boaz, AL **
Apr 30	Greenville, SC	Oct 7	Augusta, GA
May 14	Hartwell, GA	Oct 22	Chattanooga, TN
Jun 11	Athens, GA	Nov 5	Lawrenceville, GA
Jun 18	Albany, GA	Nov 12	Montgomery, AL **
		Nov 26	Greensboro, NC **

** Tentative - Call before show for confirmation

We will take in rigs for repair at the show. - For rigs other than AZDEN, KDK, or ADI, please supply schematic & manual.

We will deliver repaired units at the show. - Please make sure rig is in our shop at least two weeks prior to the show.

We take trade-ins on new AZDEN or other rigs.

Mark Your Calendar NOW for Hamfest Chattanooga

October 22 & 23, 1994

Fun for the whole family in the Scenic Center of the South!

For information write:
Hamfest Chattanooga
P.O. Box 3377
Chattanooga, TN 37404
or call:
(615) 344-8447

Comments From The Datasheets to SERA

Over the past few years, as David Ward sends out datasheets to all known repeater owners in the 8 SERA States, we have found that repeater owners utilize these sheets to vent anger at us, fuss about another repeater, compliment us, send personal messages to us and anything else on their mind.

We can assure each of those who wrote "notes" the entire SERA board received copies. And for our readers, we will share a few - as we do every year. Names will be withheld of course.

Here they are - good and bad!

"QST or CQ it ain't" Your right! Much Better should have followed that statement. Even out-dated copy(old Repeater Journal) was better for my needs than current QST. (NC)

"This guy has a repeater on the air that doesn't even follow SERA Band Plan (146.865 + input) Why don't you clean your own house before telling others to clean theirs." (MS)

"I'm not rejoining...due to the fact a repeater has been coordinated 70 air miles from my repeater. ...send a copy of bylaws to my attorney..."

"Please accept our humble and abject apologies for the lateness of our submissions of SERA..."

"Why are memberships so high now? With so many new members they should go down."

"I moved and I ain't getting the Journal...Why?"

"Dissapointed at the rate increase. Seems everyone is wanting more money."

"Thank you for providing such a good directory at such a low cost to me."

"Dues too much!!!! Cut down the Magazine!!!

"I have not gotten good results from SERA ...regarding other coordination. It seems complaints fall on deaf ears at SERA!!!"

"Thank you for keeping us coordinated and current."

"I want to thank the SERA for being so very nice over the years and helping to put the repeaters in a protective type of body that kept us owners from worrying about having any interference problems."

Many repeater owners omit listing listing of longitude and latitude in their datasheets. How about filling in the blanks? (side note - Is he talking to me?"

And finally one concerning Repeater Journal hamfest ad:

...Hamfest attracted as good attendance in the rain this year as past years on sunny days. We only advertised in the Journal. Noticed hams as they drove up to the gate with Journal in hand as they reached for their money to pay to get in. They were using the map we printed in the ad to get here.

We don't send out flyers - just visit other hamfests, and distribute a few there.

What am I saying? The Journal works! But you already know that of course. Please reserve pages for our '94 ad in XXX issue."

That's enough of this. Actually we kind of enjoy reading them. Some of the notes make you feel good.

T-MARC Repeaters Published This Issue

This issue of the Repeater Journal has the latest updated repeater index from The Middle Atlantic FM and Repeater Council (T-MARC). The indexes for the States of Maryland, Deleware, and Washington, DC are immediately after the SERA repeater index.

T-MARC repeaters in Northern Virginia, and the Panhandle of West Virginia, which appear regularly in our Virginia and West Virginia index, are also updated.

T-MARC is the recognized Frequency Coordination organization for Northern Virginia, the Panhandle of West Virginia, DC, Maryland and Delaware.

Our thanks to the past Frequency Coordination Chairman, Gary Hendricksen, W3DTN, and the new Chairman, W. Van Aller, K3CZ of T-MARC for their spendid cooperation in providing the SERA with their indexes, and allowing us to print them in the Repeater Journal.

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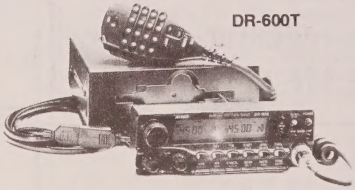

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BIGGER & BETTER

Fourth Annual
Down East Hamfest

Sunday March 27, 1994

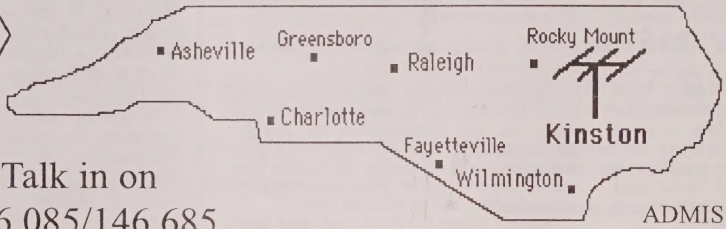
8:00 A.M. Until 3:00 P.M.

Location: Lenoir County Fair Grounds, Hwy 11 South Follow Signs from U.S. Hwy 70 East

For Hamfest Information Call: (919) 524-5724

HEATED INDOOR AND FLEA MARKET

OUTSIDE TAILGATE FACILITY



Talk in on
146.085/146.685
Alternate 145.210 Trenton

Local Repeaters:
Greenville 147.090 Goldsboro 146.850 Kinston 145.470
Greenville 145.350 New Bern 146.610 Newport 145.450

ADMISSION:
$5.00 each at the door or 3 for $12.00
Pre-registration by March 19, 1994
$4.00 each or 3 for $10.00

Tables available by Pre-registration.
First come, first served. **Location assigned by Hamfest.**

Pre-registration Prize
2 METER HT

1st Prize
ICOM HF TRANSCEIVER

HOURLY PRIZES
(You must be present to win hourly prizes)

FCC EXAMS
WALK-INS ONLY
Bring your original License or Certificate, a copy of your license, and Credit Certificate (if applicable).
TIME: 11:00 A.M.

MUST BE RECEIVED BY MARCH 19, 1994

PLEASE PRINT CLEARLY

Down East Hamfest
Pre-registration Form

Send S.A.S.E. to: Down East Hamfest Inc.
P.O. Box 1778
Kinston, NC 28503

Qty.		Amount
_____	Advance Tickets $4.00 ea.	
_____	Or 3 for $10.00	
_____	Tables $9.00 ea.	
_____	Electrical Outlet $5.00 ea.	
	Total	

Name:_____ Call:_____
Street:_____
City:_____ St:_____ Zip:_____
Phone: (_____) _____

Ecnomical meals and Refreshments available on the grounds.

Wanted!

I want to buy any Western Electric Sound System Equipment that was manufactured locally in Western Electric or Bell Telephone plants in North Carolina and elsewhere.

This includes radio vacuum tubes, amplifiers, loudspeakers, horns, audio input-output transformers, and repeat coils. I also want any technical literature on this broadcast gear. Contact me.

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1994 Virginia QSO Party Sked March 20-21

The 19th annual Virginia QSO Party, sponsored by the Sterling Park ARC is scheduled from 1800 UTC March 19 through 0500 UTC March 20, and 1100 UTC March 20 through 0200 UTC March 21.

Plaques will be awarded to the top scoring Virginia and Out-of-State stations, and to the Top CW Only, Novice/Technician, Club and VA Mobile stations. Certificates go to the high scoring single operator fixed station in each Virginia county, State, Canadian province, and DX country.

Work fixed stations once per band/mode. No cross-mode or repeater QSOs. Work VA mobiles in each county they operate. Mobiles parked on county lines count as one QSO and as many county multipliers as they offer. Count fixed stations only once as multipliers. VA Mobiles receive a bonus of 100 additional points overall for each Virginia county in which they log a valid QSO. Exchange QSO number and QTH--County for VA stations; state, privince or DX country for others.

Frequencies 160 meters through 2 meters, except no WARC band QSOs permitted.

Scoring: Count one point per SSB, 2 points per CW, and 3 points per VA mobile QSO (SSB or CW). Virginia fixed stations multiply QSO points by the total number of VA counties, provinces and DX countries. Mobiles add to this the bonus points for Virginia counties in which QSOs were logged. Others multiply QSO points by the number of Virginia counties worked (maximum of 95) to obtain final score. Virginia independent cities follow the USA-CA award guidelines for county multiplier.

Follow standard ARRL contest guidelines. Logs must include name, call sign, mailing address, band/mode, QSO number sent and received, and time of contact in UTC. For Club Competition (minimum of 3 valid entries), indicate the name of club. VA mobile stations, indicate mobile operation and log QSOs by county of operation. Novices and Technicians include a copy of your current license as proof of status. Include a summary sheet and a dupe sheet for 200 or more QSOs.

Mail entries by April 15 to: VIRGINIA QSP PARTY, c/o Wiliam T. Free, W3FTG, 3627 Great Laurel Lane, Fairfax, VA 22033-1212.

Give Your Ham Friend a Taste of Each Repeater Journal Every Quarter - Every Year!

ARRL Elections

Delta and Southeastern Directors Re-Elected

-From "The ARRL Letter"

Joel Harrison, WB5IGF was returned as Director of the ARRL Delta Division in recent ARRL elections.

Returning as Director of the Southeastern Division was Frank Butler, W4RH. Southeastern Division voters also returned Evelyn Gauzens, W4WYR as their Vice-Director.

In Section Manager elections in Tennessee, O.D. Keaton, WA4GLS was returned to office.

Director Allan Severson, AB8P and Vice-Director George Race WB8BGY were unopposed in the Great Lakes Division. There were no elections this year in the Roanoke Division.

The eight SERA states fall within four different ARRL Divisions:

- ★ ROANOKE - Virginia, West Virginia, North Carolina, and South Carolina.
- ★ DELTA - Tennessee and Mississippi.
- ★ GREAT LAKES - Kentucky
- ★ SOUTHEASTERN - Georgia

In the Southeastern Division, Director Butler had competition from South Florida Section Manager Rudy Hubbard, WA4PUP, a former SEC Alan Page, KE4WO, and David Shiplett, AC4MU, President of SERA. In the final results, Shiplett ran second only to Butler who won. For Vice-Director, Mitch Mitchell, WA4OSR ran a strong campaign, but managed only 44% of the votes, allowing Evelyn Gauzens to return as Vice Director.

The Delta Division Director Joel Harrison won over Jack Hill 1618 to 1244 votes. Harrison at age 35 is the youngest ARRL Director in the League.

These ARRL Division officers were elected for a two year term and hold seats on the ARRL Board of Directors.

How To Contact Your Director:

ROANOKE DIV. - (NC,SC,WV,VA) - John C. Kannode, N4MM, RFD 1, Box 73A, Boyce, VA 22620 (703) 837-1340.

GREAT LAKES DIVISION: (KY) - Allan L. Severson, AB8P, 1275 Ethel Ave., Lakewood, OH 44107 (216) 521-1565.

DELTA DIVISION - (TN,MS) - Joel M. Harrison, WB5IGF, 528 Miller Road, Judsonia, AR 72081 (501) 729-3301.

S.E. DIVISION - (GA) - Frank M. Butler, Jr, W4RH, 323 Elliott Rd SE, Ft. Walton Beach, FL 32548 (904) 244-5425.

SERA Coordination Policy #9 Is Catching Various Repeater Owners off Guard!

There is a very important item in the SERA Coordination Policy and Guidelines. Apparently a lot of repeater owners are missing it. It is listed as policy #9. It reads as follows:

COORDINATION POLICY 9 - Height, Power, Location Changes

When a repeater is relocated, or moved from a low to a higher site, or if the effective radiated power (ERP) is SIGNIFICANTLY increased, the SERA Frequency Coordinator shall be notified in writing on the appropriate SERA form. Frequency Coordination is based on information provided by the original plan of the repeater system.

Any significant change in antenna, height, ERP or location will require the repeater to be re-coordinated. Trustees should contact their District Frequency Coordinator for information. The purpose of re-coordination is to verify that interference to/from other repeaters is not changed significantly. It is not to allow another repeater or potential repeater to be assigned the frequency. (Note: Significantly shall be a power change of 1-db, an antenna height change of more than 15 feet, or a move ofmore than 1,500 feet horizontally. (For 1-db power change, SERA Frequency Coordinators use a factor of .75 or 1.25 of the original power. For instance: A 100 watt ERP station x .75 could be 75 or x 1.25, 125 watts ERP.)

What is happening, some repeater owners are making changes in their systems that required re-coordination, but did not do so. Then when they sent in their datasheets, they listed the new parameters of their repeater system. The computer looks at the original coordination parameters, sees they are different from the "new" information, and automatically throws up the "un-coordinated" flag.

Repeater owners are reminded of the requirements in Coordination Policy 9. If your repeater has changed since its original coordination, you should contact your coordinator and get the correct information on file as being coordinated.

This policy is a good one, designed to protect you, requiring re-coordination to significant changes in the system. This hopefully will prevent possibility of someone from coming along and really blasting your repeater with excessive power from another machine on a frequency that has worked for years without problem.

With all repeater owners following the rules, interference-free bands can continue in our territory.

REPEATER JOURNAL DEALERS

Get Extra Copies of the Journal for your friends & new Hams!!

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Atlanta, GA
IRI Amateur Electronics
Greensboro, NC
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Loganville, GA
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Welcome To The Durham FM Association
REPEATERS - WA4WTX

HILLSBOROUGH	DURHAM
147.225	145.45
224.26	444.10

Dial *911 For Durham Emergency
Dial *914 For Highway Patrol-Raleigh
DFMA Meets Second Tuesdays at 6 PM
147.225: Home of the "Possum Trot Net"
6:15 - 7:15 AM Monday - Friday

Welcome to
W4LPL/REPEATER
"The Red Carpet Repeater"
Fayetteville, North Carolina
147.93/33
Proudly Serving our Community and the best darn Hams in the world

W4CA
A Mountain-Top Repeater Serving The Roanoke Valley in Virginia
on 146.985 mhz and 442.500 mhz
RVARC
(The Roanoke Valley Amateur Radio Club) Owns, services and operates this repeater
W4CA NET IS ON EVERY WEDNESDAY 8:00 pm - 9:00 pm on 146.985 mhz
RVARC SPONSORS MAYFEST - MAY 21

THE APPALACHIAN REPEATER ASSOCIATION, LTD.
Northern & Southern Divisions

29.620	Beckley, WV	KA8OTX	Bolt Mountain
29.680	Bluefield, VA	WZ8E	Oneida Peak
145.170	Beckley - West	N8FRV	Bolt Mountain
145.230	Beckley - North	N8FWL	Lick Knob
145.310	Beckley - East	WF1G	Mann Mountain
146.625	Beckley - South	WF1G	Flat Top Mountain
146.865	Pembroke, VA	WZ8E	Mountain Lake
146.955	Bluefield, VA	WZ8E	Oneida Peak
147.030	Mullens, WV	KC8IT	Herndon Mountain
147.270	Roanoke, VA	KB4QWO	Poor Mountain
224.120	Beckley - South	WF1G	Flat Top Mountain
442.300	Beckley - West	AA8BS	Bolt Mountain
443.475	Beckley - Town	N8FWL	Sullivan Hill
443.625	Bluefield, VA	WZ8E	Oneida Peak
444.000	Mullins, WV	KC8IT	Herndon Mountain
444.125	Pineville, WV	AA8BS	Lambert Knob
444.400	Alderson, WV	WF1G	Keeney Mountain
444.625	Bluefield, WV	WZ8E	East River Mountain
444.800	Beckley - North	WF1G	Mann Mountain

Plus Two Full Time Duplex Link Repeaters Serving The ARA (WV-VA), PCRN (NC), and CRG (PA) Repeater Systems!

EAST COAST 70 cm NET
432.090 SSB/CW
WEDNESDAYS 9 - 10 PM
NCS: WD4MBK ATLANTA
Coverage: VA, NC, SC, GA, FL, AL MS, LA, TN, IL, KY, OH, WV

FCC News & Happenings

-From W5YI & ARRL Letter

Novices Get Entire 222 Band Effective Feb. 1

The FCC has expanded privileges for Amateur Novice class licensees on the 222 MHz. band. The changes were approved by an FCC Report & Order released in December.

The new rules authorize Novice operation in the entire 222-225 MHz band. With these new frequencies, Novices can now enjoy all mode operations available in different parts of the 1.25 Meter band, which include FM, CW, SSB, Digital and more.

Previously novices had been granted just enough of the 222 band to operate through FM repeaters in what was called "Novice Enhancement" in 1987.

There is one thing not available to Novices though - they cannot be allowed to be control stations of Repeaters. The Commission said that Novices lack knowledge about rpeater operation. They also said that allowing Novices to be control operators would diminish the distinction between the Novice and Technician classes. *(ARRL Letter)*

*****

Weak Signal Segment

At the time the Novice expanded privileges were announced, the FCC also agreed with the ARRL and created a small subband at the bottom of the 222-225 MHz band where repeater operation would be prohibited.

The subband, 222.00 to 222.15 MHz will be used for weak signal operation and experimentation. *(ARRL Letter)*

*****

New FCC Form 610

A new Form 610, Amateur Radio Operator/Station License Application is being readied for use by Amateurs and VECs. According to the Commission, the new form should be used sometimes between now and April 1. It should NOT be used until officially announced to do so.

The new form will be used in conjunction with the new FCC computer and amateur licensing software which is being presently installed. The new form will be used by both the VEC Examining System and licensed Amateurs who wish to modify or renew their existing license. Other than renewal, the only modifications permitted will be to change an applicant's name, mailing address or call sign.

When the new system is in place, the FCC will not only issue Technician licenses for those who qualify but also Technician Plus licenses for those who qualify for Technician, and pass the Morse code. *(W5YI Report)*

*****

License Renewals Begin

It has been five years since the FCC began the 10-year licenses. Since that time, there have been no expiring licenses among Amateur Radio ranks.

In 1994, the first of the 10 year issued license renewals will start expiring.

It may a good idea for everyone to check his license to see when it expires. Amateurs are encouraged to renew their licenses at least 60 days prior to expiration.

Licenses that have expired for more than two years may not be renewed, meaning you lose your call sign and have to take the exam again.

*****

Choice of Call Sign??

It may still be alive. In December, the FCC proposed that Amateurs be able to choose their own call signs, once the new new computer is in place at the FCC. Under the system, amateurs wishing to apply for an available call sign would be able to file a form and pay a fee.

The Commission also left the door open for sometimes in the future, newly licensed Amateurs choosing their call sign of choice. They said at the present time it was not feasible.

The FCC also cancelled a rule it had adopted last Summer, establishing a call sign administrator program for Amateur club and Military stations, a program that was never implemented. *(ARRL Letter)*

SERA HISTORICAL FACT

The 1978-79 ARRL National Repeater Directory contained only 53 actual pages of repeater listings for the entire United States. Some of the interesting ads for radios included: ICOM IC-215, Wilson MK-II & IV, all crystal type rigs. ANCOMM featured a new synthesized rig the S2-25 and Drake featured their UV-3 - a three band VHF-UHF transceiver - which later proved to be years before its time.

1994 CALLBOOKS

Guaranteed Best Prices!

REGULAR BOOK PRICES $29.95 EACH

North American $23.00

International $23.00

BOTH FOR $44.00

UPS SHIPPED ONLY - No Phone Calls. Send check or money order along with $5.00 S & H. NC Residents add 6% Tax.

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COLFAX, NC 27235

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Jerry Pollard
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Timmonsville, SC 29161
U.S.A.

USA-CA 418 10/10 #29837 FM 04

☐ PSE QSL ☐ TNX QSL

QSO WITH	CONFIRMING QSO						
	DAY	MONTH	YEAR	UTC	MHZ	RST	2-WAY

QSLs by NØCKN & NØCOL

• *250 STATE/SEAL QSL CARDS* •

3½ x 5½" • Semi-Gloss Card Stock • Choose from Blue, Black, Red or Green Ink. Logos **FREE**. Special —250 for $23.95 plus $3.50 shipping and handling (SC residents, please add 5% Sales Tax. Larger quantities also available. Many other styles of cards and paper stock available. Your design or ours—send SASE for additional information. Your check is fine, or we can accept VISA or Mastercard.

Pollard, Route 3, Box 400, Timmonsville, SC 29161 - (803) 346-2412

RARSfest '94

ARRL State Convention
22st Annual Hamfest and Computer Fair

Talk-in 146.04/64 146.28/88 Sat. & Sun.

Sunday April 17, 1994 8 AM- 4 PM

Jim Graham Building
N.C. State Fairgrounds
Raleigh, NC

Tickets: $5.00 Pre-registration
$6.00 At the door

State Convention

SERA MEMBER

SPECIAL SERVICE CLUB

- **RARSfest Social**

A welcoming reception will be held Saturday night from 7-9 PM in the large meeting room inside the hamfest building. Enjoy fellowship and refreshments. Wouff Hong at 9:30.

- **Special Interest Meetings**

ARRL Forum with Roanoke Division and National ARRL staff, QCWA, Army MARS, Navy MARS, NTS, ARES, ATV, Packet, and DX forums. DXCC QSL endorsement checking. Times announced at RARSfest.

- **Amateur Radio Exams**

Exams by preregistration only. No walk-ins accepted. Deadline for exam preregistration: April 9th, 1994. Send completed form 610, copy of current license, code/theory certificates (CSCEs). If applicable, indicate the highest class of license you desire to be tested for and include a check or money order for $5.75 made out to "RARS-VE" to: *Vince Yakamavich, AA4MY, 220 Carriage Trail, Raleigh, NC 27614 (919) 847-8512 (Exam information only, please).*

- **Homebrew Contest**

Show your best handywork in home-built projects such as antennas, computers, test gear or radio equipment. Prize awarded.

- **Hamfest Prizes**

Pre-registration, hourly and major prizes drawn during the day. You need not be present to win pre-reg. or major prizes.

- **Indoor Fleamarket**

Regular fleamarket and vendor area space: one 8' table with 2 chairs is $10.00. Five or more tables are $9.00 each. 120-Volt AC power is $10.00 per connection (**bring your own extension cords**). Questions? Call Rollin Ransom, NF4P (919) 269-4406 for further information.

- **Dealer Space**

Booths and tables are available in designated commercial dealer areas at reasonaable cost. For further information, contact Rollin Ransom, NF4P 1421 Parks Village Road Zebulon, NC 27597 (919) 269-4406.

Pre-registration Form (Pre-register by April 17th, 1994) *Include S.A.S.E. Make checks payable to "RARSfest".*

Name:_____ Call:_____

Address:_____

City:_____State:_____ Zip:_____

☐ Yes, I will attend the Saturday night social.

☐ Yes, I plan to use Saturday overnight RV parking.

____Pre-registration tickets @ $5.00 ea $_____

____Tables 1-4 with 2 chairs @ $10.00 ea. $_____

____Tables 5 + @ $9.00 ea $_____

____120-Volt AC power @ $10.00/connection $_____

Total enclosed $_____

Mail to: **Rollin Ransom, NF4P 1421 Parks Village Road Zebulon, NC 27597**

NORTH CAROLINA NEWS

-by Gene Fegely, K3EJG
News To: 115 Randomwood Lane, New Bern, NC 28562

Joe Melton, WB4SLF Receives Albert Parker Award

Andy Griffith, W4ULD, president of the Coastal Carolina Emergency Net, presents the Albert Parker Award for Outstanding Member to Joe Melton, WB4SLF, at the group's annual Christmas meeting in Morehead City. Joe was preparing to take this picture for the SERA Journal, when he was surprised by Andy's announcement that he was the awardee. Dwight Winstead, KB4WOV, stepped in and got the photo.

Christmas parties are always the news for the first of the new years's column; however, this December found me recovering from a November heart attack and angioplasty, so I missed attending these annual events.

*****

The Coastal Carolina Emergency Net met in Morehead City on December 4th and surprised Joe Melton, WB4SLF, who was named the 1993 winner of the Albert Parker Award. Joe was about to take a photo of the award presentation, when Andy Griffith, W4ULD, called the winner.

Joe said, "You should have seen the expression on my face...

I, for once, was speechless." For those who know Joe, this was the surprise for them! however, all do admit he deserves this outstanding member award.

The Parker Award in on honor of W4BAW, who has been given credit for starting the Coastal Carolina Emergency Net.

In other action, John Buckner, KM4UZ replaces Walter Van Geison, AB4DQ, as Net Manager; William, "Tex" Harper, W4RHU, will be his assistant. Perry Davis, KQ4XM, will be the new treasurer.

New NBARC officers

The New Bern ARC elected new officers in December. Art Slaughter, KE4BRV, became president; Ray Hemphill, KI4SJ, remained vice-president; Byrd Hinshaw, KD4BST, assumed secretarial duties, and Charlie Gould, KC3SB, continued as treasurer.

The club repeater number has been increased to two, as an agreement was made with Sid Purvis, WA4VBC, for the club to take over the operation of the 444.90 machine which is located at the same site as the current 146.61 repeater.

The group also has been granted tax exempt status, as qualifying under IRS Code 501 (c) (3). This means that donations received by the club can be acknowledged and the donor would be entitled to an income tax deduction.

One of the recent meetings featured Mr. Henry Sermons, Craven County Emergency Management Coordinator and Fire Marshall. A very lively discussion ensued about the role of the ham community in emergency communications. He also warned that the eastern area of the state is long overdue for an emergency, since many recent storms have bypassed it.

High Point ARC has ham bingo

High Point ARC planned a special meeting for December, with a few bingo games with the prizes being canned hams! Now that seemed quite appropriate as they planned to "ham it up", at that meeting also.

Club officers were renominated, according to Newsletter Editor Mark McMahan, KB4MFB, who also reported the club celebrated the birthday of President Barry Garner, N4UOH, with a moment of silence and a cake. It must have been an important birthday to keep a group of hams quiet when there is cake in the offing!

The club plans a single day hamfest this year, tentative scheduling is August 6. They also supported the Thomasville Crop Walk with five of the members handling communications.

New Meeting place

The Triangle East ARA has announced a new meeting place for their third Tuesday of every month sessions. It is =P= Spencer's in Zebulon, close to I-64 and NC State route 96 and 97. The meetings start at 7:30, but if you want to take part in the hot bar, that deadline is 6:30.

The TEARA group also has begun planning for a 1994 hamfest, although dates and location were not included in their newsletter, the Feedline, although they did include the list from the SERA Journal with credits.

Dave Hockaday, WB4IUY, 1993 club prexy, also reports the twice weekly rebroadcasting of the Amateur Radio Newsline and the Radio Amateur Information network on Tuesdays on 147.39 repeater. The two programs can be heard both prior to and after the regular 8:30 pm TEARA Net.

Officer nominations for the group in 1994 are: President, Holt Thorton, AC4UD;Vice-president, Chris Medico, KC4YLE, and Joe Motola, N8RQR; Treasurer, Bill Sellers, KC4SDK, and Eddy McKeel, KD4VPQ; and Secretary, Gladys Tallant, KD4PMA, and Steve Vinson, KD4WIW.

Section Manager Candidate

Gene Ribas, N4UMI, recently elected

Continued on Page 53

WIREBOOK II

The **How-to** and source manual written by **"The Wireman"**, Press Jones, N8UG for Cable, Connectors, Coax, Wire and Baluns.

If you're into Coax, antennas, ladderline & Baluns - *WIREBOOK II* IS MUST READING

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WEST ANTENNA CORP. - YOUR SOURCE FOR ROHN TOWERS AND ACCESSORIES

Rohn 25G Straight Sections

In addition to a large stock of straight tower sections, we also have flat and sleeved top sections, thrust bearings, house brackets, short base sections, rotor plates, guy assemblies, guy wire, cable clamps, turnbuckles - you will need for a complete tower installation. Call us for more information!

Scotchkote Electrical Coating

Scotchkote Electrical Coating made by 3-M Co. can be used for underwater connections also. A 15-oz. can will do 50 to 100 connections.

15-Oz Can $12.00

ROPE

West Antenna has a huge inventory of all types of synthetic rope in all sizes to fit your every need. Large or small, your rope requirements can be met by us.

CHECK THESE ROPE SPECIALS:

Black Twisted Polyprophelene

Good for dipoles or overhead supports on beams at a very low cost. Lasts two or three times longer in the sun than regular poly rope.

1/4-inch ..... 4 cents/foot
600 foot spool $20.00
3/8-inch ..... 8 cents/foot
600 foot spool $42.00

Solid Fiberglass Masts

West Antenna Corp. is pleased to now have in stock new nonconductive solid Fiberglass masts in 1-1/4, 1-1/2 and 2-inch diameters. Lengths up to 15-feet are available. **Call!!**

Miscellaneous

PL-259 Connectors (U.S. Made)
Each 0.65
10 or more 0.60
UG-175 or 176 Adapters 0.30
10 or more 0.25

Hard Line and Connectors

West Antenna can supply 1/2, 7/8, 1-1/4, and 1-5/8 - inch Hard Line in corrugated copper, also available is 1/4-inch corrugated copper superflex. We also have a limited stock of Hard Line connectors. If we do not have specific connectors you need in stock, they can be supplied within approximately 10 days.

CADWELD

The fastest and most reliable connections for buried or above ground rods. This system provides a molecular bond that can't loosen, can't corrode, isn't subject to galvanic corrosion, and is capable of carrying more current than the grounding conductor itself. West Antenna Corp. can also supply and install ground systems for commercial tower sites.

Polyphaser Lightning Suppressors

High quality commercial units. Low loss, low noise. Frequency range through 2 GHz. Bulkhead and inline types are available, including rotor cable and D.C. control lines. **Call for prices and more information.**

2-Way shops are urged to check with us for special Dealer Pricing.

Other Tower Accessories

Aluminum Mast Pipes, feature 2-inch OD, 6061 tubing - 1/4-inch wall.
12-foot lengths, 19 lbs - In Stock
24-foot lengths, 38 lbs. - In Stock

Cold Galvanizing - excellent for touching up rust spots on your tower and antenna bolts.

Large Spray Can $6.50

Guy Wire Insulators - Compression type, porcelain. Approx. 1-1/2 x 2-1/2 inches with 3/8-inch hole.

Insulators $2.50
10 or more $2.20

Stainless Steel Strapping Kits

Stainless steel strapping kits, for strapping hardline or multiple runs of Coax. Kits come with 25, 50, or 100 feet of stainless steel strapping and buckles.. **Call!**

For The Ultimate Mobile Installation

We have what you need - wire, fuse blocks, fuses, connectors, relays & breakers! You want your mobile Low Band or Amplifier installation to work efficiently. We have the proper wire, fusing and parts needed for a perfect installation.

WIRE - Single Cond. - Stranded
Red or Black vinyl insulation
#10 wire ..... 0.30 per ft.
#14 wire ..... 0.14 per ft.

FUSE BLOCKS - Our fuse blocks are rugged, holding fuses much larger than the little 3AG glass type. This prevents overheating and voltage loss with high currents. Set screws in end of fuse blocks will accept wire up to #6.

30 AMP Fuse Block $4.95
60 AMP Fuse Block $7.50

FUSES - Many Sizes available!
5,6,7,8,10,20,30 Amp ..... 0.80 ea
35,40,45,50,60 Amp Also available upon request. Give us a Call!

NOW AVAILABLE! **DC Breakers** for Mobile Installation. Call For Details!

RELAYS - These Motorola Type A style relays can be installed near the fuse block in the fenderwell and remotely switched under the dash with a small toggle switch. Excellent for switching high current lines. Relays are a closed type with screw terminals for mounting.

Type A - Special! $21.00
40-Amp Continuous - Duty Solonoid Type 12V $42.00
(Commercial Dealers call for special Dealer Prices!)

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THE SERA OFFICIAL REPEATER INDEX

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings are those of the actual repeater owner or sponsor. We make every effort to keep the index as accurate as possible with information provided. The SERA Repeater lists contain certain repeaters which are NOT coordinated or not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by SERA.

Repeater owners are reminded to contact their local Frequency Coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements.

SERA SIMPLEX FREQUENCIES

10 Meter:	29.60							
6 meters:	52.49	52.51	52.525					
2 meters:	146.40*	146.415*	146.43*	146.445*	146.46*	146.475	146.49*	146.505*
	146.52	146.535	146.55	146.565	146.58	146.595	147.405*	147.42*
	147.435*	147.45*	147.465*	147.48*	147.495*	147.51	147.525	147.54
	147.555	147.57	147.585					
220 MHz:	223.42	223.44	223.46	223.48	223.50	223.52	223.54	223.56
	223.58	223.60	223.62	223.64	223.80	223.82	223.84	223.86
	223.88	223.90						
440 MHz:	445.825	445.85	445.875	445.90	445.925	445.95	445.975	446.00
(not all listed)	446.025	446.05	446.075	446.10	446.125	446.15		

* Permitted unless operation would cause interference to repeater inputs - be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.

SERA DIGITAL/PACKET SIMPLEX FREQUENCIES

2 meter:	144.91	144.93	144.95	144.97	144.99	145.01	145.03
	145.05	145.07	145.09	145.51	145.53	145.55	145.57
	145.59	145.61	145.63	145.65	145.67	145.69	
220 MHz:	223.66	223.68	223.70	223.72	223.74	223.76	223.78
440 MHz:	430.05	430.15	430.25	430.35	430.45	430.55	430.65
	430.85	430.95	440.975	441.00	441.025	441.05	441.075

Note: 430.75 mhz is reserved for ATV Audio Channel

NOTE. Digital operators are reminded to check with local Digital Societies for which digital channels are available for various digital usage, in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage.

This index is updated as of January 17, 1994.

REPEATER INDEX LISTINGS BY CITY - BY STATE

GEORGIA REPEATERS

10 METERS

ALBANY	W4MM	29.58	29.68	*	L
ATL/MARIETTA	N4NEQ	29.54	29.64	*	L
DALTON	N4BZJ	29.58	29.68	*	AL

6 METERS

ALPHARETTA	KC4JNN	52.25	53.25	N	ABELR
ATL/MARIETTA	N4NEQ	52.09	53.09	*	L
AUGUSTA	K4EDU	52.03	53.03	D	O
CARTERSVILLE	WB4AEG	52.07	53.07	*	PR
CLEVELAND	N4RBT	52.17	53.17	N	PROPOSED
CONYERS	WB4JEH	52.55	53.55	*	LT151.4
#CONYERS	WB4JEH	52.55	51.55	*	UNCOORD.
DALTON	N4BZJ	52.13	53.13	*	
DOUGLASVILLE	N4UOX	52.47	53.47	D	PROPOSED
#HIGH HOUSE MTN.	W4VWH	52.45	53.45	D	UNCOORD.
JULIETTE	KC4ZIZ	52.43	53.43	*	B
PINE LOG MT	WB4UPC	52.05	53.05	N	L
PINE LOG MT	KE4PN	52.29	53.29	N	L
VALDOSTA	KB0Y	52.89	53.89	*	

2 METERS

ADAIRSVILLE	WD4IWL	146.085	146.685	*	PL
ALBANY	W4MM	144.55	145.15	*	L
ALBANY	W4MM	146.10	146.70	*	A
ALBANY	W4MM	146.13	146.73	*	
ALBANY	W4MM	146.22	146.82	*	
ALBANY	W4MM	147.72	147.12	*	O
ALBANY	WB4TFW	147.75	147.15	N	
AMERICUS	WD4EBB	147.87	147.27	N	
#ASHBURN/TIFTON	WD4LYV	147.885	147.285	D	UNCOORD.
ATHENS	WA4BKF	146.145	146.745	*	P
ATHENS/CRAWFORD	K4TQU	147.975	147.375	*	P
ATL/UNION CITY	WA4UPE	146.025	146.625	*	BEP
ATLANTA	W4AQL	144.55	145.15	N	PEB
ATLANTA	NK9Q	144.69	145.29	*	BEP
ATLANTA	W4DOC	144.75	145.35	D	
ATLANTA	W4DOC	144.75	145.35	N	
ATLANTA	WB4QGR	146.04	146.64	*	T
ATLANTA	W4DOC	146.22	146.82	D	EP
ATLANTA	K4CLJ	146.37	146.97	D	T
ATLANTA	WA4NNO	146.40	147.00	N	P
ATLANTA	K4YSB	147.705	147.105	N	Y
ATLANTA	K4JPD	147.795	147.195	*	T
ATLANTA	WD4KDT	147.855	147.255	*	BT110.9
ATLANTA/AIRPORT	W4REI	147.63	147.03	N	
ATLANTA/BELL	W4PME	144.81	145.41	*	BEP
ATLANTA/GPCO	WA4VBX	147.885	147.285	*	
ATLANTA/MARIETTA	N4NFP	146.055	146.655	*	ABLRT118.8
ATLANTA/MARIETTA	N4NEQ	147.945	147.345	*	ELRP118.8
ATLANTA/SWEAT MTK	D4NC	146.13	146.73	*	LK
AUGUSTA	W4UN	144.51	145.11	N	A
AUGUSTA	N4TDL	144.69	145.29	*	
AUGUSTA	AA4UA	144.77	145.37	N	AB
AUGUSTA	NA4I	144.81	145.41	*	BP
AUGUSTA	W4DV	144.89	145.49	N	AB
AUGUSTA	N4MWQ	146.04	146.64	*	K
AUGUSTA	KT4N	146.34	146.94	N	
AUGUSTA	NA4I	146.385	146.985	*	BELPT100.0
AUGUSTA	NI4S	147.72	147.12	N	P
AUGUSTA	N4BMA	147.78	147.18	N	Y
BALDWIN	WD4NHW	147.78	147.18	*	A
BONAIRE	KM4DT	147.615	147.015	*	
BOSTON	W4UCJ	147.795	147.195	*	ABE
BRNSWK/JEKYLL IS	KB4PXX	144.81	145.41	D	
BRUNSWICK	K4TVE	146.13	146.73	N	A
CALHOUN/JASPER	KC4AQS	147.405	146.805	N	PLBR
CARROLLTON	W4FWD	146.04	146.64	D	BET131.8
CARTERSVILLE	N4GIS	146.415	147.015	*	BERP
CEDARTOWN	W4CMA	147.72	147.12	*	P
CHATSWORTH	N4YYD	144.65	145.25	*	BERPT71.9
CHEAHA MTN (AL)	WB4GNA	147.69	147.09	D	
CLARKESVILLE	K4HCA	147.72	147.12	*	BEP
CLAYTON	WA4BLQ	144.65	145.25	*	
CLEVELAND/LONG	WB4HIG	146.31	146.91	N	A
COCHRAN	N4MXC	144.51	145.11	*	ABE
COLUMBUS	KA4CEK	144.71	145.31	N	
COLUMBUS	W4CVY	146.01	146.61	N	A
COLUMBUS	W4CVY	146.28	146.88	N	
COMMERCE	KB4ZUN	147.825	147.225	N	
CONYERS	WB4JEH	144.63	145.23	*	LT151.4
CONYERS	WB4JEH	146.01	146.61	*	ABLT151.4
CONYERS	N4EMM	147.81	147.21	*	BEPT162.2
COOLIDGE	N4JBF	144.57	145.17	N	PR
#CORDELE	KA4WUJ	144.89	145.49	*	UNCOORD.
COVINGTON	WA4ASI	146.325	146.925	D	AL
COVINGTON	WA1KMS	147.87	147.27	*	
CUMMING/SAWNEE	K4BYK	147.75	147.15	*	PL
DAHLONEGA	N4KHQ	147.435	146.835	*	D
DALLAS	K4DVJ	146.25	146.85	N	PE
DALLAS	WD4LUQ	147.495	146.895	D	BRT77.0
DALTON	KE4UJ	144.63	145.23	N	A
DALTON	N4BZJ	147.735	147.135	*	ABELRT100.
DECATUR	W4BOC	144.85	145.45	*	
DOUGLAS	K4SES	147.645	147.045	N	PROPOSED
DOUGLAS	K4SES	147.765	147.165	N	E
DOUGLASVILLE	N4UOX	144.51	145.11	D	P
DOUGLASVILLE	N4UOX	144.51	145.11	D	PROPOSED
DOUGLASVILLE	WA4CLC	147.96	147.36	D	
DUBLIN	WA4HZX	147.96	147.36	*	A
EASTMAN	KD4DTA	144.61	145.21	*	B
EATONTON	KC4YHM	147.69	147.09	*	ABEL
ELBERTON	N4UJT	146.025	146.625	N	
ELLIJAY/TALONA M	KC4ZGN	146.385	146.985	*	ABT77.0
FAYETTEVILLE	W4PSZ	144.61	145.21	*	PE
FAYETTEVILLE	K4UWN	146.085	146.685	N	
FOLKSTON	K4DMK	146.19	146.79	N	
#FORSYTH	W4STJ	147.315	147.915	N	UNCOORD.
FORSYTH	KB4KIN	147.765	147.165	N	PL
GAINESVILLE	W4NSO	146.07	146.67	*	PET131.8
GRAY	KC4ZGR	144.65	145.25	N	PROPOSED
GRIFFIN	K4HYB	144.79	145.39	*	P
GRIFFIN	K4HYB	146.31	146.91	*	
HARTWELL	WA4RBS	146.295	146.895	*	B
HINESVILLE	KF4UM	147.615	147.015	*	B
IRWINTON	WB4NFG	147.84	147.24	N	AB
JASPER	KB4IZF	144.77	145.37	*	RPLB
JASPER	W4OOM	146.10	146.70	*	
JESUP	KA4IEM	144.83	145.43	N	PROPOSED
JESUP	WA4EQL	146.07	146.67	D	
JESUP	N4PJR	146.325	146.925	D	P
JESUP/SCREVEN	N4PJR	147.945	147.345	D	O
JONESBORO	WA4DIW	144.57	145.17	*	E
JONESBORO	WA4OGE	144.73	145.33	D	E
JULIETTE	KD4IEZ	146.205	146.805	*	ET100.0
KIBBEE	K4HVK	146.22	146.82	*	A
LAFAYETTE	KB4VAK	147.975	147.375	N	A
LAGRANGE	WB4BXO	147.93	147.33	N	
LAVONIA	K4NVG	146.115	146.715	*	BEPT100.0
LAWRENCEVILLE	WD4JXR	147.675	147.075	N	EP
MACON	W4BKM	144.77	145.37	N	
MACON	WB4OLL	144.83	145.43	D	PLR
MACON	W4BKM	146.06	146.66	D	NBP
MACON	N3SM	146.295	146.895	*	AT123.0
MACON	WA4DDI	147.66	147.06	*	T
MADISON	WB4DKY	146.265	146.865	*	A
MARIETTA	K4LCI	144.83	145.43	*	P
MARIETTA	WA4QPL	144.89	145.49	*	PE
MARIETTA	N4NFP	146.175	146.775	*	BLRPT118.8
MARIETTA	W4IUD	146.28	146.88	N	
METTER	W4TYM	147.645	147.045	N	ABE
MILLEDGEVILLE	KF4LT	144.55	145.15	D	PT
MILLEDGEVILLE	WB4DOJ	146.10	146.70	*	A
MILLEDGEVILLE	K4FRM	147.735	147.135	*	BLT123.0
MOULTRIE	WD4KOW	146.19	146.79	N	
NEWNAN	K4SEX	144.53	145.13	*	BP
NEWNAN	K4SEX	146.19	146.79	*	BP
PEMBROKE	WB4CJB	147.675	147.075	N	A
PERRY	KB4KIN	146.355	146.955	N	PL
PINE MT/HAMILTON	WB4ULJ	144.59	145.19	N	B
QUITMAN	WA4NKL	146.28	146.88	N	
RICEBORO/MIDWAY	KF4UM	144.87	145.47	*	
RINGGOLD	W4ABZ	146.115	146.715	N	
ROCHELLE	WB4OQX	146.40	147.00	*	BET100.0
ROCKY TOP MT	K5PRE	146.355	146.955	N	
ROME	WB4YSV	147.90	147.30	N	
ROME/MT. ALTO	W4VO	146.34	146.94	*	BP
ROSSVILLE	W4FGQ	144.75	145.35	*	
ROSWELL	N4CLA	147.66	147.06	*	PE
SANDERSVILLE	AD4ID	144.67	145.27	*	AT77.0
SAVANNAH	KK4TO	146.10	146.70	*	PE
SAVANNAH	W4HBB	146.28	146.88	N	AB
SAVANNAH	W4HBB	146.37	146.97	N	AB
SAVANNAH	KK4TO	147.81	147.21	*	PE
SAVANNAH	KK4TO	147.93	147.33	N	PROPOSED
ST SIMONS ISL	KA4CVE	147.69	147.09	N	
ST. MARYS	KA4UUB	146.385	146.985	N	
STATESBORO	NC4D	147.705	147.105	N	
STOCKBRIDGE	WA4JDR	144.71	145.31	N	
STONE MT.	W4BOC	146.16	146.76	*	
SUMMERVILLE	KA4LVY	147.825	147.225	D	A
SWAINSBORO	K4VYX	146.19	146.79	N	O
SWEAT MT/MARIETT	N4CLA	144.87	145.47	*	PE
THOMASTON	K4IMK	147.99	147.39	N	
THOMASVILLE	W4UCJ	147.66	147.06	*	
THOMSON	KC4GSS	146.235	146.835	*	A
TOCCOA	KA4DIP	147.93	147.33	*	
TWIN CITY	N4REB	147.915	147.315	N	PR
VALDOSTA	KB0Y	144.53	145.13	*	
VALDOSTA	N4ELN	146.16	146.76	*	BRPT141.3
VALDOSTA	KB0Y	147.735	147.135	*	PT141.3
VIDALIA	KE4ZZ	146.025	146.625	*	A
WALESKA/PNLGMT.	KE4PN	144.67	145.27	N	L
WARM SPRINGS	KN4FE	146.385	146.985	N	BE
WARNER ROBINS	WA4QWI	146.25	146.85	*	BP
WARNER ROBINS	WB4BDP	147.78	147.18	*	ABL
WARNER ROBINS	AC4MU	147.90	147.30	*	
WATKINSVILLE	KD4AOZ	147.645	147.045	N	
WAYCROSS	KD4CEX	146.04	146.64	D	A
WAYNESBORO	WD4COL	144.63	145.23	N	
WRENS	KB4NA	146.175	146.775	*	
WRIGHTSVILLE	WA4RVB	146.34	146.94	N	ABLR

220 MHZ

ACWORTH	N4MTA	222.72	224.32	*	BEP
ALPHARETTA	KC4JNN	223.26	224.86	*	ABELRT100.
ATL/MARIETTA	N4NEQ	222.84	224.44	*	BLRPT118.8
ATLANTA	N4BLR	222.68	224.28	N	
ATLANTA	W4DOC	222.74	224.34	D	
ATLANTA	W4DOC	222.96	224.56	D	
ATLANTA	KK4C	223.22	224.82	*	
ATLANTA-NE	KC4OVY	222.60	224.20	D	BRPT100.0
ATLANTA/BELL	W4ZTL	223.02	224.62	*	BEP
ATLANTA/MARIETTA	N4NFP	222.52	224.12	*	ABLRT118.1

MORE GEORGIA REPEATERS

AUGUSTA	AA4UA	222.60	224.20	D	AB
AUGUSTA	WB4KXO	223.34	224.94	*	P
BALDWIN	WS4F	222.50	224.10	N	
BISKEY MTN	KC4JNN	222.56	224.16	*	ABELRT100.
BRUNSWICK	N3GLC	222.58	224.18	N	
CALHOUN	KQ4HT	222.86	224.46	*	EP
CARTERSVILLE	N4GIS	223.00	224.60	*	BERP
CHEAHA MTN, AL	N6IFL	222.56	224.16	D	
CHEAHA MTN, AL	N4YGI	224.34	224.84	D	
CLAYTON	KI4WR	223.12	224.72	*	
CLEVELAND	N4RBT	222.78	224.38	N	P
#CONYERS	WB4JEH	222.42	224.02	*	UNCOORD.
CUMMING	K4JSR	223.38	224.98	D	PL
DALLAS	N4YDX	222.58	224.18	D	BL
DALLAS	N4YEA	222.94	224.54	*	BP
DALTON	N4BZJ	222.76	224.36	*	ABT88.5
DALTON	N4BZJ	223.08	224.68	*	
DALTON	N4KVC	223.14	224.74	*	ER
ELLIJAY	KC4ZGN	223.20	224.80	*	PROPOSED
FORT MTN/CHATSWON	4YYD	222.64	224.24	*	BERPT71.9
HIRAM	KC4PZD	223.10	224.70	D	B
HIRAM	N4ZJG	223.36	224.96	N	ABL
MACON	W4BKM	223.06	224.66	D	
MARIETTA	KV4L	222.66	224.26	N	BP
MARIETTA	N4MTA	222.90	224.50	*	BEP
MARIETTA	WA4QPL	223.30	224.90	*	PE
NORCROSS	KB4PRH	222.88	224.48	N	
RINGGOLD	W4ABZ	223.04	224.64	N	P
ROCKMART	KC4KLW	223.18	224.78	D	
ROME	WB4YSV	222.82	224.42	N	
ROSSVILLE	KC4EV	223.34	224.94	N	
STONE MT	W4BOC	223.16	224.76	*	
TEMPLE	KC4NYV	222.70	224.30	N	B
THOMASVILLE	N4JBF	222.72	224.32	N	AL
VALDOSTA	KB0Y	222.86	224.46	*	PT141.3
WALESKA/PNLGMT	N4KSM	222.92	224.52	N	A
WARNER ROBINS	AC4MU	223.24	224.84	*	ABER
YORKVILLE	WD4LUQ	223.28	224.88	N	BRT77.0

440 MHZ

ALBANY	W4MM	439.25	427.25	*	O V
ALBANY	W4MM	449.50	444.50	*	
ALPHARETTA	WB6RTH	447.00	442.00	D	ABEKL
ALPHARETTA	KC4JNN	448.25	443.25	N	ABE
ATLANTA	W4DOC	444.825	449.825	N	NB
ATLANTA	WA4NMF	447.025	442.025	*	
ATLANTA	WA4CNG	447.10	442.10	N	PROPOSED
#ATLANTA	WB5UTF	447.525	442.525	D	UNCOORD.
ATLANTA	WA4YNZ	447.975	442.975	D	TPL
ATLANTA	WA4NMF	448.025	443.025	*	
ATLANTA	KE4ZV	448.65	443.65	*	T118.8
ATLANTA	KD4LXT	448.875	443.875	*	BEP
ATLANTA	WB4QDX	449.025	444.025	*	T100.0
ATLANTA	W4DOC	449.45	145.67	N	R
ATLANTA	W4DOC	449.45	444.45	D	
#ATLANTA	WB4UWL	449.50	444.50	*	UNCOORD.
ATLANTA	N4WQ	449.625	444.625	N	AO
ATLANTA	W4DOC	449.825	444.825	D	
ATLANTA	WA4NNO	449.925	444.925	N	
ATLANTA	WA4YNZ	449.975	444.975	D	PTLR
#ATLANTA/BELL	W4ZTL	434.00	421.25	*	UNCOORD.
ATLANTA/BELL	W4ZTL	449.15	444.15	*	BEP
ATLANTA/MARIETTA	N4NFP	448.80	443.80	*	BLRPT118.8
ATLANTA/MARIETTA	N4NEQ	449.05	444.05	*	BT118.8
ATLANTA/MARIETTA	N4NEQ	449.775	444.775	*	ABLRP118.8
ATLANTA/STONE MT	W4BOC	449.25	444.25	*	
AUGUSTA	AA4UA	449.40	444.40	D	AB
AUGUSTA	NA4I	449.95	444.95	*	
BALDWIN	WD4NHW	447.35	442.35	*	
BRNSWK/JEKYLL IS	KB4PXX	439.25	421.25	D	V
BRUNSWICK	KD4CPO	448.425	443.425	*	A
BRUNSWICK	K4TVE	449.975	444.975	N	O
CALHOUN/JASPER	KC4AQS	448.375	443.375	N	BP
CARTERSVILLE	WJ9J	449.125	444.125	N	PROPOSED
CEDARTOWN	KD4EKZ	448.40	443.40	*	T88.5
CEDARTOWN	KD4NTF	448.575	443.575	*	PROPOSED
CHATSWORTH	N4OGF	448.00	443.00	N	
CLARKESVILLE	K4HCA	447.425	442.425	*	B
CONYERS	WB4JEH	447.55	442.55	*	LT151.4
#CONYERS	N4EMM	447.75	442.75	*	UNCOORD.
CONYERS	WB4JEH	449.55	444.55	*	LT151.4
CONYERS	N4EMM	449.75	444.75	N	PL
CONYERS	KC4ELV	449.875	444.875	*	BLP
COVINGTON	KL7TF	448.75	443.75	*	B
COVINGTON	KD4QOW	449.175	444.175	*	BEP
COVINGTON	WA1KMS	449.60	444.60	*	
COVINGTON	WA4ASI	449.80	444.80	D	ALT88.5
DACULA	KK4IN	448.55	443.55	N	ALR
DALLAS	WD4LUQ	449.70	444.70	D	BRT77.0
#DALTON	N4BZJ	447.175	442.175	*	UNCOORD.
DALTON	N4BZJ	449.85	444.85	*	
DECATUR	N3APR	447.20	442.20	N	A
DECATUR	KA4UFM	448.95	443.95	*	BPT110.9
DECATUR	WB4LBM	449.20	444.20	N	
DOUGLASVILLE	N4AQG	449.575	444.575	D	B
DULUTH	N2NOG	447.30	442.30	N	BELP
EATONTON	KC4YHM	447.925	442.925	*	ABE
#ELLIJAY	KC4ZGN	447.70	442.70	*	UNCOORD.
ELLIJAY	KC4ZGN	449.90	444.90	N	PROPOSED
FORT MTN/CHATSWON	4YYD	448.35	443.35	*	BERPT71.9
GAINESVILLE	W4NSO	447.625	442.625	*	PET131.8
GRIFFIN	WB4DEB	448.90	443.90	N	PT
HAMILTON	WB4ULJ	449.40	444.40	N	B
HAMPTON	WB4DEB	448.125	443.125	N	
HAMPTON	N4RDM	448.40	443.40	N	PRP
HIGH HOUSE MTN	KD4APP	448.20	443.20	D	
HIGH PT/LOOKT MT	KB4VAK	448.45	443.45	N	ABRT88.5
HOG MOUNTIAN	NZ3I	447.90	442.90	N	PROPOSED
JASPER	KB4MDE	448.425	443.425	N	
JASPER	KB4IZF	449.375	444.375	*	BPLR
JESUP	N4PJR	449.925	444.925	D	O
JONESBORO	N4QCP	448.225	443.225	N	
JULIETTE	KD4IEZ	448.025	443.025	*	BET
LAKE SINCLAIR	KD4IEZ	449.70	444.70	*	PROPOSED
LAVONIA	K4NVG	447.475	442.475	*	BPT100.0
LAWRENCEVILLE	WB0QGH	447.85	442.85	N	PROPOSED
LAWRENCEVILLE	WB4QDX	449.00	444.00	N	
LAWRENCEVILLE	KC4LU	449.40	444.40	*	BT82.5
MACON	K4VTT	447.275	442.275	*	ABELRT100.
MACON	N4IWK	447.875	442.875	D	P
MACON	KC4ZIZ	448.075	443.075	*	PROPOSED
MACON	W4BKM	449.10	444.10	D	
MACON	K4VTT	449.275	444.275	*	T123.0
MARIETTA	N1KDO	447.05	442.05	*	PROPOSED
MARIETTA	WB4BQX	448.500	443.50	*	BEP
MARIETTA	KM4BA	448.60	443.60	N	PT
MARIETTA	KM4BA	448.70	443.70	N	
MARIETTA	KM4BA	449.325	444.325	N	PTO
MIDWAY	KF4UM	449.85	444.85	*	O
NEWNAN	N4EBZ	449.675	444.675	N	P
#QUITMAN	WA4NKL	449.60	444.60	N	UNCOORD.
RINGGOLD	WA4LJU	448.925	443.925	N	
ROCKMART	KC4KLW	448.275	443.275	D	ABT179.9
ROCKMART	KC4KLW	448.525	443.525	D	
ROSSVILLE	N4PLP	447.125	442.125	N	C
ROSWELL	W4QO	447.15	442.15	D	
ROSWELL/BELL	W4QO	448.15	443.15	D	
SAVANNAH	KK4TO	434.00	421.25	N	V
SAVANNAH	WA4VHP	439.25	426.25	D	BRTV
SAVANNAH	KK4TO	447.70	442.70	*	
SAVANNAH	WD4AFY	449.00	444.00	N	B
SMYRNA	N4IBW	449.65	444.65	N	
STOCKBRIDGE	N4JMD	448.325	443.325	N	PTL
STOCKBRIDGE	N4JMD	448.325	443.325	N	PTR
SWEAT MT/MARIETT	N4CLA	449.475	444.475	*	EP
THOMASVILLE	KD4POG	443.25	443.25	*	PROPOSED
VALDOSTA	KB0Y	449.35	444.35	*	PT141.3
VALDOSTA	N4ELN	449.70	444.70	*	T141.3
WALESKA/PNLOG MT	WB4YSV	448.85	443.85	N	L
WALUSKA/PINE LOG	WB4YSV	443.85	448.85	N	NB
WARM SPRINGS	N4UER	447.40	442.40	N	BE
WARNER ROBINS	WB4DBP	449.225	444.225	D	PROPOSED
WARNER ROBINS	AC4MU	449.95	444.95	*	L
WATKINSVILLE	KD4AOZ	449.725	444.725	N	

920 MHZ

DALTON	N4BZJ	907.10	919.10	*	

1270 MHZ

ATL/MARIETTA	N4NEQ	1255.00	427.25	*	VR
ATLANTA NORTH	W4DOC	1271.40	1291.40	D	
ATLANTA/BELL	KB4KIN	1272.00	1292.00	*	

KENTUCKY REPEATERS

6 METERS

ASHLAND	WA4IBB	52.01	53.01	*	
GUTHRIE	KA4ZKL	52.23	53.23	N	C
HIGHLAND HEIGHTS	AD4CC	52.33	53.33	N	AB
LOUISVILLE	WB4LBR	53.025	52.025	N	NB
STANTON	WD4KNE	52.81	53.81	N	P

2 METERS

ALLEN	K4ICN	147.90	147.30	*	AL
ASHLAND	KA4OIL	146.34	146.94	*	P
ASHLAND	KA4DII	147.84	147.24	N	P
ASHLAND	WA8KWH	147.93	147.33	N	A
BARDSTOWN	WB4GGH	144.87	145.47	*	
BAXTER	WM4H	147.78	147.18	N	A
BEREA	KI4B	146.115	146.715	N	
BOWLING GREEN	WD4MNI	146.055	146.655	*	R
BOWLING GREEN	KA4CLL	146.25	146.85	N	
CALVERT CITY	KA4KFD	147.705	147.105	N	AB
CAMPBELLSVILLE	WA4UXJ	146.04	146.64	N	
CORBIN	WD4KWV	146.01	146.61	*	P
COVINGTON	WB8NON	144.81	145.41	D	O
COVINGTON	WB8NON	147.99	147.39	D	A
CRESTWOOD	WD8ACR	147.99	147.39	*	P
DANVILLE	WD4DIZC	146.055	146.655	N	A
#DAWSON SPRINGS	N4STY	146.13	146.73	N	UNCOORD.
DEANE	AK4U	144.61	145.21	N	L
DIXON	N4IOX	147.855	147.255	D	P
DORTON	KC4KZT	147.495	146.895	*	ERP
DRAKESBORO	WF4N	146.22	146.82	N	C
ELIZABETHTOWN	KD4GLI	144.75	145.35	D	A
ELIZABETHTOWN	W4BEJ	146.38	146.98	*	ABL
FARMINGTON	WB4BHM	147.84	147.24	*	PROPOSED
#FERN CREEK	WB4NSY	146.16	146.76	N	UNCOORD.
FLORENCE	K4JBV	146.295	146.895	*	ALRT100
FRANKFORT	KC4KDZ	144.79	145.39	*	BEP
FRANKFORT	K4NGQ	147.075	147.675	N	
FRANKFORT	KC4AI	147.84	147.24	N	T100.0
GLASGOW	KF4DC	144.81	145.41	D	
GLASGOW	W4WZH	146.34	146.94	*	AB
GRAYSON	KF4JO	146.10	146.70	N	
#GREENSBURG	W4YXO	147.75	147.15	N	UNCOORD.
GREENVILLE	WA4TTC	146.145	146.745	N	P
GRETHEL	KJ4VF	147.645	147.045	*	LRP
GUTHRIE	KA4NNE	146.205	146.805	N	L
HALLS GAP	WD8PRH	144.57	145.17	*	AL
HARLAN	WA4ZAC	147.705	147.105	*	
HAZARD	K4VHF	146.07	146.67	D	B
HAZARD	WD4PRH	146.205	146.805	*	AL
HENDERSON	W4KVK	144.89	145.49	N	
HENDERSON	K4DPP	146.37	146.97	N	
HIGHLAND HEIGHTS	W4YWH	146.19	146.79	*	
HIGHLAND HEIGHTS	K4CO	147.855	147.255	*	PT123.0
#HODGENVILLE	KC4TX	147.915	147.315	N	UNCOORD.
HOPKINSVILLE	WA4ZVL	146.63	147.03	*	A
IRVINE	WB4AIA	146.22	146.82	N	EP
IRVINGTON	WB4WVH	146.30	146.90	*	AE
LAWRENCEBURG	KK4PL	144.69	145.29	N	A
LEXINGTON	N4YUU	144.73	145.33	N	P
LEXINGTON	KC4TX	144.85	145.45	N	P
LEXINGTON	KC4ZY	146.085	146.685	D	A
LEXINGTON	AC4AO	146.13	146.73	*	C
LEXINGTON	K4KJQ	146.16	146.76	N	PE
LEXINGTON	WA4HBM	147.765	147.165	N	
LEXINGTON	KJ4VF	147.795	147.195	*	C LRP
LEXINGTON/GRGTWN	WD8PRH	144.61	145.21	*	L
LITCHFIELD	KB4NFK	147.825	147.225	D	
LONDON	KC4ZFH	147.885	147.285	N	T
LOUISVILLE	WD8PRH	144.63	145.23	*	L
LOUISVILLE	W4BDC	146.10	146.70	*	BEP
LOUISVILLE	W4OAU	146.28	146.88	*	P
LOUISVILLE	W4PJZ	147.63	147.03	*	BERPT151.4
LOUISVILLE	N4NMC	147.67	147.07	*	BEP
LOUISVILLE	W4CN	147.78	147.18	*	PE
LOUISVILLE	N4KWT	147.87	147.27	N	
LOUISVILLE	KQ9Z	147.96	147.36	D	A
LOUISVILLE AREA	N4RBL	144.53	145.13	*	BT151.4
LYNCH/BLACK MT	N4IZD	147.945	147.345	N	
LYNN GROVE	KA4BLZ	146.235	146.835	N	PROPOSED
MARION	KA4FGA	147.885	147.285	N	
MAYSVILLE	WA4WMM	144.87	145.47	D	BEP
MIDDLESBORO	W4PPM	146.175	146.775	N	
MONTICELLO	N4TLK	144.55	145.15	*	BP
MOREHEAD	KJ4VF	144.53	145.13	*	LRP
MOREHEAD	K4GFY	146.31	146.91	N	
MOUNTAIN ASH	KD4DAX	144.75	145.35	*	A
MT. STERLING	WD4KNE	147.93	147.33	N	P
MURRAY	WB4NTB	146.34	146.94	*	BP
NICHOLASVILLE	WB4CWF	144.89	145.49	N	PE
#OWENSBORO	KN4KQ	146.090	146.690	*	UNCOORD.
OWENSBORO	K4HY	147.81	147.21	N	AL
OWINGSVILLE	N4TLP	147.675	147.075	D	A
PADUCAH	K4CUW	146.16	146.76	N	
PADUCAH	W4WQ	147.66	147.06	N	
PAINTSVILLE	AK4U	146.19	146.79	N	PL
PHELPS	KJ4YK	147.69	147.09	D	R
PIKEVILLE	AD4BI	144.55	145.15	D	BR
PIKEVILLE	KM4IV	146.25	146.85	*	ELR
PRESTONSBURG	WB4UBY	147.765	147.165	N	
PRINCETON	W4KBL	146.07	146.67	N	
PROVIDENCE	N4IUI	147.93	147.33	N	
RADCLIFF	W4BEJ	146.325	146.925	N	ABL41
RICHMOND	AC4UW	146.265	146.865	D	BP

SERA REPEATER SYMBOLS

*	Full Member Supporter	M	T-MARC Terr. Repeater
D	Delinquent Membership	NB	Not on SERA Freq. Plan
N	Non-Member SERA	O	Off the Air Temporarily
A	Autopatch (Open)	P	Private Autopatch
B	Emergency Power	R	Remote Base System
C	Under Construction	T	Tone Accessed
E	Emergency Autopatch	V	Television (SSTV/ATV)
K	Packet Operation	Y	RTTY Operation
L	Linked Repeater		

NOTE: Some repeaters allow voice, as well as other functions on their machine. Generally the second function is indicated, but it does not necessarily mean the machine is solely operated in that mode. Operators may check with owners for information. Repeaters with normal input/output (pairs) are listed in the regular FM repeater index and their operation of Packet is indicated with "K". For tone-accessed repeaters, the codes column contains the tone or access code only for those repeaters which the owner or trustee has given us written permission to publish.
Entries with "#" in front of the city indicate repeaters added to this index that have not been coordinated through the local SERA state coordinator. Work with your coordinator to get this indicator removed.

MORE KENTUCKY REPEATERS

SALEM	N4IL	147.915	147.315	*	
SALVISA	KC4ZOX	146.235	146.835	*	BLPT192.8
SCOTTSVILLE	KJ4GL	144.65	145.25	N	
SHELBYVILLE	KE4LR	147.60	147.00	*	BEP
SOMERSET	N4AI	146.28	146.88	*	BL
SPRINGFIELD	WA4SJH	147.90	147.30	N	A
ST. CHARLES	WA4GSB	147.87	147.27	N	
STANTON	WD8PRH	144.69	145.29	N	CL
STANTON	KC4TUK	146.37	146.97	D	ARC
UNION CITY (TN)	WA4YGM	146.10	146.70	D	
VANCEBURG	KC4TKI	146.175	146.775	D	P
#VIRGIE	K4NRR	147.60	147.00	N	UNCOORD.
WALTON	K4CO	147.975	147.375	*	
WEBSTER	K4ULW	146.025	146.625	*	B
#WHTSBRG/PINE MTN	WD4PDJ	147.99	147.39	N	UNCOORD.
WILLIAMSBURG	KG4M	147.60	147.00	*	
WINCHESTER	WB4ASZ	147.72	147.12	*	EP

220 MHZ

ASHLAND	KC4QK	222.34	223.94	N	
AUGUSTA	KC4UXD	222.32	223.92	N	PC
JARVIS	KB4PNG	223.38	224.98	D	ABELR
LANCASTER	KD4RXF	222.96	224.56	D	P
LEXINGTON	KR4BD	222.14	223.74	*	
LEXINGTON	AC4AO	222.82	224.42	*	ABEL
LEXINGTON	N4YUU	223.34	224.94	N	
LOUISVILLE	KA4MKT	222.70	224.30	N	B
#LOUISVILLE	KB4VEZ	222.82	224.42	N	UNCOORD.
LOUISVILLE	W4MOP	223.22	224.82	N	P
PIKEVILLE	WB4F	222.98	224.58	N	
PIKEVILLE	KD4DAR	223.02	224.62	*	R
SOMERSET	N4AI	222.70	224.30	*	BER
SOMERSET	N4AI	223.28	224.88	*	BL
VERSAILLES	AD4CR	222.62	224.22	*	BERP

440 MHZ

ASHLAND	WB4TAT	449.975	444.975	*	
BOWLING GREEN	W4HTB	439.25	426.25	*	V
BOWLING GREEN	W4HTB	439.25	922.25	*	V
BOWLING GREEN	W4HTB	439.25	280.00	*	V
BOWLING GREEN	WD4MNI	449.10	444.10	*	ABL
BOWLING GREEN	N5KOL	449.65	444.65	*	PT136.5
CORBIN	WB4IVB	449.90	444.90	*	RT100.0
DORTON	KJ4VF	448.25	443.25	*	LRP
#ELIZABETHTOWN	W4BEJ	439.25	421.25	*	UNCOORD.
ELIZABETHTOWN	KE4NS	439.250	421.250	N	V
ELIZABETHTOWN	W4BEJ	449.80	444.80	*	ABL
FORT WRIGHT	KC4KMV	447.525	442.525	N	BP
GLASGOW	W4WZH	449.925	444.925	*	
GLASGOW/CVCTY	KF4DC	449.25	444.25	D	
GRAEFENBURG	N4HZX	448.55	443.55	*	BEP
GRETHEL	KJ4VF	449.525	444.525	*	
HAWESVILLE	KB4QFL	449.625	444.625	D	P
HENDERSON	N9APA	449.50	444.50	N	
HIGHLAND HEIGHTS	W4YWH	449.90	444.90	*	
#HODGENVILLE	KC4TX	449.875	444.875	N	UNCOORD.
JENKINS	KK4WH	449.30	444.30	N	BLRP
LAGRANGE	WA4OKJ	447.10	442.10	N	PROPOSED
LATONIA	AA4XV	447.40	442.40	N	PT
LAWRENCEBURG	N4EQT	448.325	443.325	N	PROPOSED
LEWISPORT	KN4KQ	449.55	444.55	*	ALR
LEXINGTON	KC4ZY	449.725	444.725	N	RP
LEXINGTON	N4YUU	449.85	444.85	N	
LEXINGTON	WD4EJA	449.95	444.95	N	
LOUISVILLE	N4ORL	447.00	442.00	N	RP
LOUISVILLE	KD4DYH	447.225	442.225	N	
LOUISVILLE	KB4RYM	447.50	442.50	N	C
LOUISVILLE	WD4ELX	447.55	442.55	N	R
LOUISVILLE	KB4YJ	447.725	442.725	N	BET151.4
LOUISVILLE	WD4ELX	448.45	443.45	N	LR
LOUISVILLE	WD9EQC	448.50	443.50	N	
LOUISVILLE	N4UL	449.10	444.10	*	ABELT173.8
LOUISVILLE	WB4JZD	449.30	444.30	D	O
LOUISVILLE	W4MOP	449.50	444.50	N	P
LOUISVILLE	N4NMC	449.60	444.60	*	BEP
LOUISVILLE	WA4AUN	449.70	444.70	N	
LOUISVILLE AREA	N4RBL	447.45	442.45	*	BEPT151.4
LYNCH/BLACK MT	N4IZD	448.10	443.10	N	
MADISONVILLE	KC4FIE	447.425	442.425	D	
MADISONVILLE	WD4EBZ	447.775	442.775	D	B
MARION	KG6OG	449.20	444.20	N	
MAYSVILLE	N4TZV	448.50	443.50	N	PROPOSED
META	WB4UBY	448.50	443.50	N	R
NEBO	AA4NI	449.85	444.85	N	C
NICHOLASVILLE	WB4CWF	449.975	444.975	N	CR
OWENSBORO	WB4AOH	439.25	427.25	N	V
PHELPS	N4MVY	449.575	444.575	*	
PIKEVILLE	KD4DAR	449.375	444.375	N	PROPOSED
PIKEVILLE	AD4BI	449.475	444.475	N	PROPOSED
PRESTONSBURG	WB4TRS	449.20	444.20	N	PROPOSED
ROBINSON CREEK	KC4VYX	449.675	444.675	*	B
SALEM	KC4VXR	449.825	444.825	*	
SALVISA	KC4UPE	449.875	444.875	D	BCPT167.9
SCOTTSVILLE	N6UYB	449.70	444.70	N	PROPOSED
SPRINGFIELD	WA4SJH	444.60	449.60	N	
STANTON	N4VOS	447.075	442.075	N	CRP
UNION	KC4COV	449.175	444.175	*	ALRT100
VERSAILLES	AD4CR	448.775	443.775	*	PROPOSED
WALTON	K4CO	449.35	444.35	*	A

MISSISSIPPI REPEATERS

10 METERS

POPLARVILLE	WA5WRE	29.52	29.62	*	

6 METERS

ELLISVILLE	N5EKR	52.01	53.01	D	

2 METERS

ABERDEEN	WB5USN	147.87	147.27	N	A
ACKERMAN	NO5N	147.72	147.12	N	
AMORY	KB5DWX	146.34	146.94	*	L
AMORY	KB5DSN	147.69	147.09	N	
BAY ST. LOUIS	K5GY	146.10	146.70	N	
BAY ST. LOUIS	K0VNO	146.25	146.85	N	
BILOXI	KC5IF	146.13	146.73	*	AEP
BILOXI	K5TYP	146.19	146.79	N	AB
BOONEVILLE	WB5UVT	144.59	145.19	D	AB
BUDE	K5JMD	146.25	146.85	N	
CHATAWA	WB5GOJ	144.71	145.31	N	PR
CLEVELAND	K5BWW	146.25	146.85	N	
CLINTON	AA5JC	147.945	147.345	N	PR
COLLINS	N5LRQ	146.385	146.985	D	
COLUMBIA	N5SPF	147.885	147.285	D	
COLUMBUS	KA5LVU	144.83	145.43	N	A
COLUMBUS	N5NKZ	147.60	147.00	N	A
CORINTH	KA5RPB	144.79	145.39	N	A
CORINTH	WB5VOJ	146.325	146.925	N	
CORINTH	K5UFH	146.40	147.00	N	
CORINTH	KB4CTS	147.885	147.285	N	
D'IBERVILLE	KC5IF	144.81	145.41	*	APER
D'IBERVILLE	W5OXA	147.825	147.225	N	L
ELLISVILLE	N5EKR	146.355	146.955	N	
ELLISVILLE	N5DWU	147.465	146.865	*	BLT136.5
FULTON	N5VGK	144.89	145.49	N	A
GREENVILLE	WA5MBA	146.22	146.82	N	A
GREENWOOD	KA5TQY	146.115	146.715	N	
GRENADA	WB5LVA	146.10	146.70	N	
GULFPORT	KA5CYR	144.73	145.33	*	ABE
GULFPORT	KA5VFU	147.975	147.375	*	L
HATTIESBURG	W5CJR	144.59	145.19	*	O
HATTIESBURG	KA5NNX	144.77	145.37	N	
HATTIESBURG	N5LRQ	146.07	146.67	D	L
HATTIESBURG	W5CJR	147.96	147.36	*	
HERNANDO	K5VV	146.31	146.91	N	A
HORN LAKE	KA0BRN	144.57	145.17	N	EPT
ISOLA	KC5OB	146.355	146.955	D	
IUKA	WB5MFK	146.25	146.85	N	A
JACKSON	W5AXQ	146.16	146.76	*	
JACKSON	K5QNE	146.28	146.88	*	ABET100.0
JACKSON	KA5SBK	146.34	146.94	N	BET100.0
JACKSON	NC5Y	147.675	147.075	N	AT
JACNITO	UNKNOW	147.75	147.15	N	A
KOSCIUSKO	W5LWC	146.25	146.85	N	
LAUREL	KB5RQL	146.01	146.61	*	BEP
LAUREL	WV5D	146.43	147.03	N	
LAUREL	KC5RC	147.855	147.255	N	
LOUISVILLE	KB5PKU	147.96	147.36	*	A
MADISON	N5NIL	146.04	146.64	*	
MAGEE	K5HYE	146.22	146.82	*	B
MAGEE	KA5LNY	147.90	147.30	*	BE
MCCOMB	K5JMD	146.34	146.94	N	A
MCHENRY	KA5CYR	147.93	147.33	*	B
MENDENHALL	K5HYE	144.51	145.11	*	B
MERIDIAN	W5DEJ	146.10	146.70	*	A
MONTICELLO	N5JHK	147.615	147.015	N	A
MOORE VILLE	WB5NAY	146.04	146.64	N	A
NATCHEZ	W5KHB	146.085	146.685	N	
NATCHEZ	K5OCM	146.31	146.91	N	A
NATCHEZ	K5SVC	147.96	147.36	N	
NEW ALBANY	N5CAX	146.07	146.67	N	AB
NEW HEBRON	N5MRS	147.69	147.09	N	AEATLRB
OCEAN SPRINGS	W5LDD	147.63	147.03	*	AB
OLIVE BRANCH	KA5WMH	144.75	145.35	N	O
PASCAGOULA	W5WA	144.51	145.11	*	
PASCAGOULA	N5AAY	146.28	146.88	N	A
PASCAGOULA	KI5ZH	146.37	146.97	D	
PEARL/RANKIN CO.	KF5IZ	147.75	147.15	N	ABET88.5
PETAL	N5LRQ	147.735	147.135	D	O
PHILADELPHIA	N5EPP	147.93	147.33	N	
PICAYUNE	K5LFP	144.55	145.15	N	A
POLKVILLE	KB5LCL	147.645	147.045	*	PROPOSED
PONTOTOC	WB5NAY	147.98	147.38	N	
POPLARVILLE	WA5WRE	144.61	145.21	*	A
PORT GIBSON	KE5WO	146.025	146.625	N	
PRENTISS	WB5UNA	147.99	147.39	N	
RICHTON	N5OCF	147.66	147.06	*	
SENATOBIA	KB5DMT	146.385	146.985	N	
SHARON	N5RMZ	144.85	145.45	N	B
SOUTHAVEN	N5PYQ	144.77	145.37	N	
STARKVILLE	W5VZF	146.13	146.73	*	
STARKVILLE	KF5C	146.205	146.805	N	P
SUMRALL	KA5FYW	147.795	147.195	N	
TUPELO	AI5R	147.84	147.24	N	A
UNION	N5SPJ	147.81	147.21	N	ABRT100.0
VICKSBURG	WJ5L	144.69	145.29	N	
WALLS	N5NBG	144.67	145.27	*	PT162.2
WARSAW	N4DRL	147.825	147.225	*	
WATER VALLEY	WB5QFX	146.40	147.00	N	
WAYNESBORO	KI5WK	147.705	147.105	*	PR
WEST POINT	KO5S	146.19	146.79	N	A
WIGGINS	KB5DZJ	144.67	145.27	*	ABL
WINFIELD (AL)	KC4RNF	147.64	147.04	*	NB T192.8
WINONA	N5DHS	146.37	146.97	N	A

220 MHZ

ACKERMAN	NM5D	223.18	224.78	N	
ACKERMAN	NM5D	223.22	224.82	N	
BAY ST. LOUIS	K0VNO	223.28	224.88	N	
BILOXI	K5TYP	222.90	224.50	N	
ELLISVILLE	N5EKR	222.80	224.40	N	C
GLEN	KA5RPB	222.92	224.52	N	
HATTIESBURG	W5CJR	223.14	224.74	*	O
PASCAGOULA	W5WA	222.72	224.32	*	
PONTOTOC	KE5ST	223.30	224.90	N	

440 MHZ

ACKERMAN	NM5D	448.65	443.65	N	
ACKERMAN	NM5D	449.90	444.90	N	
AMORY	KB5DSN	449.825	444.825	N	
CLERMONT HARBOR	WD5BJT	449.15	444.15	N	AL
CLINTON	KG5YV	449.00	444.00	*	
ELLISVILLE	N5DWU	447.20	442.20	*	CBPT1673.9
ELLISVILLE	N5DWU	447.25	442.25	*	C BLT167.9
ELLISVILLE	N5DWU	448.90	443.90	*	BELPT167.9
GAUTIER	KA5NOJ	439.25	426.25	*	V
GULFPORT	KA5CYR	449.25	444.25	*	ABE
HATTIESBURG	N5LRQ	448.55	443.55	D	
HEIDELBERG	KC5RC	449.30	444.30	N	B
#HICKORY FLAT	W4ZCD	449.725	444.725	*	UNCOORD.
HORN LAKE	KE5ST	449.65	444.65	N	
INDIANOLA	AB5DU	449.85	444.85	N	
JACKSON	KB5LCL	449.45	444.45	*	RPT141.3
JACKSON	KB5CO	449.60	444.60	*	T100.0
JACKSON	NC5Y	449.70	444.70	N	
JACKSON	KB5CO	449.80	444.80	N	
JACKSON	KA5AGD	449.975	444.975	N	
JACKSON, EAST	AA5RZ	448.625	443.625	N	
LAUREL	AJ0X	448.50	443.50	*	ABEKR
MCHENRY	KA5CYR	449.75	444.75	*	
MENDENHALL	K5HYE	448.60	443.60	*	B
MERIDIAN	KB5LTW	449.40	444.40	N	BER
NATCHEZ	N5IAT	448.80	443.80	N	A
NEW ALBANY	WB5YCR	449.15	444.15	N	O
NEW HEBRON	N5MRS	449.525	444.525	N	A
PEARL	KB5HAV	449.375	444.375	N	ABT88.5
PETAL	N5VEI	448.35	443.35	*	BRP
POPLARVILLE	WA5WRE	449.85	444.85	*	
RICHTON	N5OCF	449.625	444.625	*	RP
SOUTHAVEN	N5PYQ	449.925	444.925	N	
STARKVILLE	W5VZF	449.75	444.75	*	PR
VICKSBURG	WB5TTE	449.925	444.925	*	ABR
#WALLS	N5NBG	449.65	444.65	*	UNCOORD.
WAYNESBORO	KI5WK	449.50	444.50	*	
WIGGINS	KB5DZJ	448.30	443.30	*	O B
WINONA	N5EYM	449.95	444.95	N	P

NORTH CAROLINA REPEATERS

10 METERS

BALD CREEK	N1BEC	29.56	29.66	N	
NEWPORT	K4GRW	29.56	29.66	N	PR
THOMASVILLE	K4AZA	29.58	29.68	*	L
WILKESBORO	KC4XE	29.52	29.62	*	L
WILSON	WD4IDA	29.54	29.64	*	C
WILSON	WB4IUY	29.58	29.68	D	

6 METERS

BALD CREEK	N1BEC	52.03	53.03	N	
BOONE/RICH MTN	WA4PXV	52.05	53.05	*	BLR
GASTONIA	N4XTF	52.11	53.11	D	ABELR
HAW RIVER	KD4JFN	52.23	53.23	*	T107.2
MARS HILL	WB4PLA	52.09	53.09	*	C
MOUNT AIRY	KD4FWS	52.07	53.07	N	PROPOSED
NEWPORT	K4GRW	52.01	53.01	N	PR
RALEIGH	WA4PEN	52.03	53.03	*	O
RALEIGH	WA4PEN	52.25	53.25	*	B
ROCKY MOUNT	N4YTU	52.59	53.59	N	
SAURATOWN MT	N4QLX	52.21	53.21	N	
STATESVILLE	WA4WRS	52.67	53.67	N	C
THOMASVILLE	K4AZA	52.17	53.17	*	L
THOMASVILLE	K4AZA	52.525	52.525	*	R
WILSON	WB4IUY	52.07	53.07	D	

2 METERS

AHOSKIE	WB4YNF	144.53	145.13	N	A
AHOSKIE	WA4ZGQ	146.31	146.91	*	P
ALBEMARLE	K4OGB	146.385	146.985	*	A
ANDREWS/ROBBINS	W4AIH	146.445	147.045	*	BELPT151.4
AQUADALE	WA4CHZ	147.99	147.39	*	A
ASHEBORO	KJ4AV	147.855	147.255	*	PL
ASHEVILLE	WB4PLA	146.235	146.835	*	L
ASHEVILLE/FLATTP	N4OOC	147.78	147.18	N	PROPOSED
ASHVL/MT PISGAH	WA4BVW	146.16	146.76	*	T151.4
ASHVL/SPIVEY MT	W4MOE	146.31	146.91	*	AB
BAKERSVILLE	KC4WPM	144.71	145.31	*	ABE
BALD CREEK	N1BEC	147.645	147.045	N	

MORE NORTH CAROLINA REPEATERS

BEULAVILLE	N4VBH	144.63	145.23	*	P
BOONE/DYER HILL	N4WET	147.705	147.105	*	
BOONE/RICH MTN	WA4KDB	147.96	147.36	*	ABE
BREVARD	K4GBH	147.735	147.135	*	P
BROADWAY	KM4OX	147.705	147.105	N	
BURGAW	W4DLH	146.34	146.94	*	
BURLINGTON	K4FHB	146.07	146.67	*	AB
BURLINGTON	KD4JFN	147.675	147.075	*	ABERT107.2
BURNSVILLE	N4YN	147.975	147.375	N	A
BUXTON	N4AAY	144.55	145.15	N	
CANTON	WA4BVW	147.405	146.805	*	
CARTHAGE	W2SE	147.84	147.24	*	
CASTORIA	KM4OX	147.795	147.195	D	PROPOSED
CHARLOTTE	W4BFB	144.63	145.23	*	
CHARLOTTE	W4BFB	144.69	145.29	*	A
CHARLOTTE	WA4AOS	144.75	145.35	N	L
CHARLOTTE	W4BFB	146.34	146.94	*	A
CHARLOTTE	W4CQ	146.46	147.06	*	ABE
CHARLOTTE	WD4PLY	147.99	147.39	N	P
CHERRY MT	WA4BKU	146.07	146.67	D	O
CHERRYVILLE	K4JTX	144.51	145.11	*	
CLAYTON	KO4XC	144.69	145.29	*	PT
CLAYTON	WB4IUY	147.99	147.39	D	ABE
CLINTON	WA4LZD	146.19	146.79	N	
COLUMBIA	KB4TOH	144.51	145.11	*	ABEL
CONCORD/KANNAP	K4CEB	146.055	146.655	*	PB
CROWDERS MT/GASTWD4PLY		144.85	145.45	N	
DUNN	N4CID	146.10	146.70	*	P
DURHAM	WA4WTX	144.85	145.45	D	AL
DURHAM	WA4BFT	146.34	146.94	N	A
DURHAM	WD4LDB	147.96	147.36	*	ABE
EDEN/STONEVILLE	WA4Q8G	147.99	147.39	D	
ELIZABETH CITY	WA4VTX	146.055	146.655	N	A
FAYETTEVILLE	N4EWG	146.205	146.805	*	
FAYETTEVILLE	WA4FLR	146.445	147.045	N	Y
FAYVLLE/CFARS	WB4YZF	146.31	146.91	*	P
FAYVLLE/FT BRAGG	W4LPL	147.93	147.33	*	
FOREST CITY	K4PBG	147.84	147.24	*	AT123.0
FRANKLIN	NT4K	144.89	145.49	N	
FRANKLIN	W4GHZ	147.84	147.24	*	T151.4
GAST/SPCR MT	W4REW	147.72	147.12	D	A
GASTONIA	N0IZF	146.205	146.805	D	ABELR
GIBSONVILLE	AC4DZ	144.89	145.49	*	ART107.2
GOLDSBORO	K4CYP	146.25	146.85	*	PT
GREENSBORO	KC4SJE	144.65	145.25	*	
GREENSBORO	N4GGD	144.69	145.29	*	RP
GREENSBORO	N4QAA	144.71	145.31	*	AER
GREENSBORO	K4SNI	146.01	146.61	*	A
GREENSBORO	N4GGD	146.16	146.76	*	BEPR
GREENSBORO	W4GG	147.63	147.03	*	PL
GREENSBORO	W4BUZ	147.81	147.21	N	B
GREENVILLE	WD4JPQ	144.75	145.35	*	ABEL
GREENVILLE	K4ROK	147.975	147.375	*	A
GREENVL/ESTN NC	W4GDF	147.69	147.09	*	
GRIFTON	W4NBR	146.085	146.685	*	
HENDERSONVILLE	WB4YAO	146.04	146.64	*	BLP
HENDSVL/BERWLW	MWA4KNI	144.67	145.27	*	A
HENDSVL/PENIC/MTWA	4KNI	147.855	147.255	*	A
HICKORY/BRT. MT	WA4MDW	146.25	146.85	N	
HIGH PEAK MTN	K4OLC	144.61	145.21	*	BL
HIGH POINT	N4XO	144.81	145.41	*	A
HIGH POINT	N4NNR	147.435	146.835	*	PL
HIGH POINT	KB4MFP	147.765	147.165	*	BP
HILLSBOROUGH	WA4WTX	147.825	147.225	D	AL
JACKSONVILLE	KA4SQN	144.59	145.19	*	
JACKSONVILLE	WD4FVO	146.40	147.00	*	AE
JEFFERSON	W4YJG	147.90	147.30	D	A
KANNAPOLIS	N4JEX	147.90	147.30	N	PROPOSED
KINSTON	W4OIX	144.87	145.47	D	A
LAURINBURG	KI4RR	146.025	146.625	*	BEP
LELAND	N4CTJ	144.57	145.17	N	PROPOSED
LENOIR	N4NIN	147.795	147.195	*	A
LENOIR/HIBRITN	KN4K	147.93	147.33	*	
LEXINGTON.	K4IZM	146.31	146.91	*	EP
LK NORMN/CLT	WB4KPF	147.615	147.015	N	P
LUMBERTON	W4NHV	144.55	145.15	*	
LUMBERTON	KD4PBK	147.765	147.165	N	PROPOSED
LUMBERTON	W4PET	147.96	147.36	*	BP
MACO	WA4LED	147.66	147.06	*	BEP
MADISON	KA4YFF	146.295	146.895	D	
MANTEO/WANCHESE	KC4VM	146.34	146.94	*	ALE
MARION	WD4PVE	146.385	146.985	N	A
MIDWAY	KM4AR	144.67	145.27	D	
MILLERS CREEK	N4GGN	146.115	146.715	*	A
MONROE	K4JCK	147.705	147.105	N	O
MONROE/UCARS	AB4DG	144.79	145.39	*	BEP
MORG WALKER TOPN	4OOC	147.825	147.225	D	ABL
MORGANTON	K4VLY	147.75	147.15	*	
MOUNTAIN HOME	K4GHH	147.705	147.105	*	
MT AIRY	AC4NZ	146.34	146.94	D	T100.0
MT AIRY	N4XRY	146.37	146.97	*	EP
MT MITCHELL	WA4BVW	144.59	145.19	*	
MT. AIRY	KD4J	144.73	145.33	*	A
MURPHY/STALCUP	K4FOY	147.465	146.865	*	BT151.4
N. WILKESBORO	N4AGN	144.77	145.37	*	P
NAGS HEAD/BODIE	K4UOR	146.235	146.835	*	AE
NEW BERN	WD4JMS	146.01	146.61	*	AL
NEWPORT	K4GRW	144.85	145.45	N	A
NEWTON	AG4L	147.675	147.075	*	ABERT71.9
NEWTON/ANDSN	MTW4ZQB	144.57	145.17	D	
OXFORD	AC4UO	144.57	145.17	N	P
OXFORD	WA4MII	144.77	145.37	*	
PIKEVILLE	KK4YP	144.73	145.33	*	C
RALEIGH	N4BQF	144.67	145.27	N	PL
RALEIGH	K4BWC	144.89	145.49	*	BY
RALEIGH	W4DW	146.04	146.64	*	ABE
RALEIGH	K4BWC	146.13	146.73	*	PB
RALEIGH	WB4TQD	146.28	146.88	*	L
RALEIGH	WB4TQD	147.75	147.15	*	P
RALEIGH BENSON	AK4H	147.87	147.27	*	BEP
RANDLEMAN/GBO	WD4CVM	144.55	145.15	*	L
RED SPRINGS	W4MZP	147.90	147.30	*	BP
REIDSVILLE	K4YEC	146.25	146.85	*	L
ROANOKE RAPIDS	93	147.63	147.03	*	BP
ROARING GAP	WB4PZA	146.22	146.82	*	
ROCKINGHAM	WD4AVP	146.355	146.955	*	ABE
ROCKY MOUNT	WN4Z	147.72	147.12	*	PE
ROSEBORO	KM4OX	144.79	145.39	D	PROPOSED
SALISBURY	W4EXU	146.13	146.73	*	ELR
SANFORD	WB4EJJ	147.78	147.18	N	A
SAURATOWN MT	W4RXG	144.51	145.11	*	Y
SAURATOWN MT	W4NC	144.87	145.47	*	B
SAURATOWN MT	KK4AT	146.19	146.79	N	EPT107.2
SAURATOWN MT	K4JYH	147.915	147.315	*	BPT100.0
SELMA	KK4YP	147.615	147.015	*	O ABE
SHALLOTTE	K4PPD	144.77	145.37	D	PE
SHALLOTTE	K4PPD	147.915	147.315	D	BEP
SHALLOTTE	N4FAU	147.99	147.39	D	BEP
SHELBY	W4NYR	146.28	146.88	*	
SHELBY	W4NYR	147.945	147.345	*	P
SMITHFIELD	KD4JQ	146.37	146.97	D	A
SOUTHPORT	K4JYH	146.175	146.775	*	BP
SPARTA/GREEN MT.	K4ITL	144.83	145.43	N	L
SPRING LAKE	WB4KDC	146.115	146.715	N	
STATESVILLE	WA1EHL	146.085	146.685	*	PE
STATSVL/ASBRY MT.	WA1EHL	147.645	147.045	*	Y
SWANSBORO	KO4S	146.16	146.76	*	A
TABOR CITY	W4DCD	147.975	147.375	N	ALR
THOMASVILLE	K4AZA	146.40	147.00	*	LA
TRENTON	WB4TQD	144.61	145.21	*	L
TUCKASEGEE	KA4YGX	147.90	147.30	N	
WADESBORO	W4USH	146.235	146.835	*	A
WASHINGTON	WA4TEP	147.945	147.345	*	A
WAXHAW	WA4ZRS	147.465	146.865	*	P
WAYNESVILLE	N4SM	147.87	147.27	*	A
WHITEVILLE	W4NTQ	147.81	147.21	*	AEL
WILLIAMSTON	KA4KNU	144.81	145.41	*	ABL
WILMINGTON	W4VNK	146.13	146.73	*	AB
WILMINGTON	K4GMP	146.22	146.82	*	BL
WILMINGTON	KM4GN	147.735	147.135	*	
WILMINGTON	N4CTJ	147.78	147.18	N	AL
WILSON	WB4THL	146.16	146.76	*	AB
WINSTON-SALEM	W4NC	146.04	146.64	*	
YADKINVILLE	N4YSB	146.415	147.015	*	
YAUPON BEACH	W4RPC	146.07	146.67	*	

220 MHZ

ANDREWS/ROBBINSV	K4AIH	223.28	224.88	*	BLT
ASHEVILLE	WB4PLA	223.00	224.60	*	
ASHVL/MT PISGAH	WA4BVW	222.66	224.26	*	
BALD CREEK	N1BEC	222.52	224.12	N	
CANTON	N4DWU	223.22	224.82	*	P
CHARLOTTE	W4BFB	222.80	224.40	*	
CHERRYVILLE	K4JTX	223.36	224.96	*	
EDEN	WA4WGY	223.18	224.78	*	ABELR
FAYETTEVILLE	W4EHF	222.96	224.56	*	
GOLDSBORO	AA3CH	223.36	224.96	*	ELPT156.7
GREENSBORO	WB4WOR	222.54	224.14	*	K
GREENSBORO	AD4BX	223.22	224.82	*	
GRIFTON	WA4DAN	223.24	224.84	*	
GRIMESLAND	WB4PAC	222.76	224.36	*	
HENDERSONVILLE	N4UQS	223.36	224.96	D	
HENDSVL/BERWLW	MWA4KNI	222.64	224.24	*	
HILLSBOROUGH	WA4WTX	222.66	224.26	D	L
JACKSONVILLE	KA4SQN	222.72	224.32	*	C
LENOIR/HIBRITN	KN4K	222.56	224.16	*	
LK NORMN/CLT	WB4KPF	223.08	224.68	N	
LOCUST	WA4ZIA	222.88	224.48	*	PL
MARS HILL	WB4PLA	223.06	224.66	*	L
MARSHALL	KA4TYO	222.76	224.36	N	
MORGANTON	WB4PML	223.20	224.80	N	
MT MITCHELL	WA4BVW	222.94	224.54	*	
OXFORD	AC4UO	223.14	224.74	N	
RALEIGH	WA4PEN	223.04	224.64	*	O LP
RALEIGH	W1IFL	223.32	224.92	*	C
ROCKY MOUNT	NF4C	222.62	224.22	*	AR
ROCKY MOUNT	KR4AA	222.98	224.58	*	
SALISBURY	W4EXU	223.16	224.76	*	L
SAURATOWN MT	WA4YHH	222.98	224.58	*	
SAURATOWN MT	W4RXG	223.10	224.70	*	OY
SAURATOWN MT	W4RXG	223.28	224.88	*	O
SAURATOWN MT	WA4WTB	223.36	224.96	*	
SHELBY	W4NYR	222.46	224.06	*	
SHELBY	KC4TJ	222.86	224.46	*	P
STATESVILLE	WA4PVI	222.70	224.30	N	
SUNSET BEACH	AC4AM	223.06	224.66	*	A
THOMASVILLE	K4AZA	222.74	224.34	*	LA
TRENTON	WA4DAN	223.12	224.72	*	
WILMINGTON	KM4GN	222.60	224.20	*	RPT
WILMINGTON	K4YNY	222.90	224.50	N	LR
WINSTON-SALEM	WA4YHH	223.04	224.64	*	RP

440 MHZ

AHOSKIE	WB4YNF	449.20	444.20	N	T
ANDREWS/ROBBINSV	K4AIH	448.65	443.65	*	BLT
APEX/RALEIGH	W4DW	449.95	444.95	*	
ARCHDALE	KC4SVQ	448.30	443.30	N	AR
ASHEBORO	KQ4ML	449.975	444.975	*	
ASHEVILLE	N4DWT	449.90	444.90	*	
AUBURN	N4JCM	447.275	442.275	*	
BAKERSVILLE	KM4GR	447.75	442.75	*	C
BALD CREEK	N1BEC	449.875	444.875	N	
BOONE/RICH MTN	WA4PXV	448.575	443.575	*	
BOSTIC	KC4YOQ	449.125	444.125	*	O
BURLINGTON	AC4DZ	448.025	443.025	*	AT107.2
CHAPEL HILL	KZ1X	448.475	443.475	*	
CHARLOTTE	W4PPN	439.25	421.25	D	V
CHARLOTTE	KD4OWV	448.95	443.95	N	
CHARLOTTE	W4CQ	449.45	444.45	*	B
CHARLOTTE	W4BFB	449.60	444.60	*	
CHARLOTTE	K4DIL	449.675	444.675	D	
CHARLOTTE	W4CQ	449.85	444.85	*	B
CROWDERS MTN	KD4FRP	448.675	443.675	N	
DALLAS/CHARLOTTE	WA1WXL	449.95	444.95	*	BLT136.5
DENVER/CLT	KA4YMY	449.70	444.70	D	BL
DURHAM	WA4WTX	449.10	444.10	D	AL
EDEN	WA4WGY	448.975	443.975	*	L
FAYETTEVILLE	WB4YZF	449.40	444.40	*	
FOREST CITY	KC4YOQ	449.40	444.40	*	B
G'BORO/H'POINT	WD4PQZ	448.50	443.50	D	
GASTONIA	N0IZF	449.15	444.15	D	ABELR
GASTONIA	WB4VTE	449.55	444.55	D	
GASTONIA/CROWDER	KC4YOT	448.75	443.75	D	ABELR
GASTONIA/CROWDER	N0IZF	449.75	444.75	D	ABELR
GIBSONVILLE	AC4DZ	449.35	444.35	*	T107.2
GOLDSBORO	AA3CH	448.05	443.05	*	ELT156.7
GREENSBORO	KO4AT	439.25	421.25	*	
GREENSBORO	WB4WOR	449.30	444.30	*	
GREENSBORO	KD4DNY	449.475	444.475	N	PROPOSED
GREENVILLE	AI4J	449.80	444.80	*	
#HAMLET	WA4ZIA	448.20	443.20	*	UNCOORD.
HAW RIVER	KD4JFN	448.775	443.775	*	ABERT107.2
HENDSVL/BERWLW	MWA4KNI	449.25	444.25	*	
HICKORY	K4JEQ	449.00	444.00	N	
HIGH POINT	N4LXW	448.70	443.70	N	
HIGH POINT	KB4JIF	448.90	443.90	*	B
HIGH POINT	AC4DZ	449.025	444.025	*	AT107.2
JACKSONVILLE	KA4SQN	449.675	444.675	*	C
KANNAPOLIS	N4JEX	448.25	443.25	*	
KANNAPOLIS	N4JEX	448.35	443.35	N	PROPOSED
KING/SAURATOWN	MWA4YHH	449.775	444.775	*	T103.5
KINSTON	N4HAJ	449.575	444.575	N	PROPOSED
LAKE GASTON	KF5TU	447.35	442.35	N	PROPOSED
LEXINGTON	WD4ICX	449.50	444.50	N	
LOCUST	WA4LBT	448.70	443.70	*	PL
LUMBERTON	WB4DVN	449.625	444.625	N	
#MARSHALL	KC4KPW	447.00	442.00	N	UNCOORD.
#MARSHALL	KC4KPW	448.00	443.00	N	UNCOORD.
MIDDLESEX	NE4J	449.65	444.65	*	BL
MORG. WALKER TOPN	4OOC	447.30	442.30	N	ABL
MT AIRY/FSH PK	KF4UY	449.825	444.825	*	ABLRT100.0
MT MITCHELL	N4DWU	448.60	443.60	*	
MT. AIRY	N4XRY	449.925	444.925	*	
MURPHY	N4USU	447.60	442.60	N	T151.4
NEW BERN	WD4JMS	449.90	444.90	*	B
OXFORD	AC4UO	449.60	444.60	N	
PIKEVILLE	KK4YP	448.00	443.00	*	C
PINEY KNOB	KC4KPW	448.875	443.875	*	T123.0
PITTSBORO	WB4MMY	447.55	442.55	*	PT
PITTSBORO	KD4JFN	449.75	444.75	*	ABERT107.2
POLKVILLE	KC4ZTJ	449.975	444.975	*	P
RALEIGH	N4BEA	447.15	442.15	N	L
RALEIGH	N4LMR	447.45	442.45	N	P
RALEIGH	WA4NNA	448.125	443.125	*	PROPOSED
RALEIGH	N4ZCM	448.225	443.225	*	BPT
RALEIGH	W1IFL	448.375	443.375	*	
RALEIGH	WA4PEN	449.525	444.525	*	PL
RALEIGH	W4ATC	449.775	444.775	N	
#RATTLESNAKE MTN	KC4IEV	448.30	443.30	*	UNCOORD.
REIDSVILLE	K4YEC	449.80	444.80	*	
ROANOKE RAPIDS	KK4VM	449.55	444.55	N	A
ROARING GAP	KC4XE	448.55	443.55	*	L
ROCKY MOUNT	N4JEH	449.70	444.70	N	BP
#ROCKY MT	WB4WAA	449.00	444.00	D	UNCOORD.
SALISBURY	W4HG	448.15	443.15	D	ABT
SALISBURY	K0SD	449.575	444.575	N	A
SALISBURY	N4MME	449.65	444.65	*	AT
SAURATOWN MT	N4GGC	448.10	443.10	*	L
SAURATOWN MT	WB4GUG	448.40	443.40	*	T107.2
#SELMA	KK4YP	449.00	444.00	*	UNCOORD.
SHELBY	W4NYR	439.25	427.25	*	
SHELBY	W4NYR	449.325	444.325	*	
STATESVILLE	N4VOZ	448.45	443.45	D	O A
SUNSET BEACH	AC4AM	447.625	442.625	*	
TAYLORSVL/BARR MT	4OLC	449.05	444.05	*	BC
THOMASVILLE	K4AZA	447.90	442.90	*	L
WEST JEFFERSON	WA4PXV	447.375	442.375	*	C
WILLIAMSTON	KA4KNU	449.30	444.30	N	A
WILMINGTON	KM4GN	447.20	442.20	*	RPT
WILMINGTON	K4YNY	447.500	442.500	N	ALR

MORE NORTH CAROLINA REPEATERS

WILMINGTON	KM4GN	449.20	444.20	*	
WILMINGTON	K4GMP	449.85	444.85	*	B
WILSON	NE4J	449.90	444.90	*	BL
WINSTON-SALEM	W4NC	449.275	444.275	*	C
WINSTON-SALEM	N4QDK	449.725	444.725	N	ABRT107.2
YADKINVILLE	N4AAD	447.80	442.80	*	A
YANCEYVILLE	N4VWK	449.225	444.225	N	A
YAUPON BEACH	W4RPC	448.40	443.40	*	C
YOUNGSVILLE	KD4BFI	449.25	444.25	N	

1270 MHZ

CHARLOTTE	KA4YMY	1271.95	1291.95	D	
#CHARLOTTE	W4PPN	1277.25	1253.25	D	UNCOORD.
GASTONIA/CROWDER N	0IZF	1272.82	1292.82	D	ABELR
SAURATOWN MTN.	KB4SXY	1271.40	1291.40	*	PROPOSED

SOUTH CAROLINA REPEATERS

10 METERS

RKY RDG/WALLACE	KA4ABW	29.60	RMT.BS	*	R

6 METERS

GILBERT	KC4GYM	52.27	53.27	*	PROPOSED
PICKENS	WB4YXY	52.41	53.41	N	

2 METERS

AIKEN	W4TUN	144.57	145.17	N	A
AIKEN	N4ADM	147.885	147.285	D	P
ANDERSON	N4SZ	146.37	146.97	*	BP
ANDERSON/SAS MT	W4FVV	146.19	146.79	D	B
AWENDAW	K4ESG	146.16	146.76	N	BPT
AWENDAW	K4ESG	147.90	147.30	N	PT103.5
BAMBERG	WA4DFP	144.73	145.33	D	
BARNWELL	WA4FOF	147.63	147.03	*	B
BEAUFORT	KB4GY	144.71	145.31	*	
BEAUFORT	KB4RRC	146.055	146.655	N	PROPOSED
CANADYS	KC4NXU	144.79	145.39	N	PROPOSED
CHARLESTON	WA4USN	144.65	145.25	*	
CHARLESTON	WA4USN	146.19	146.79	*	
CHARLESTON	KC4UDD	146.235	146.835	*	ABL
CHARLESTON	KD4PBC	146.34	146.94	D	BL
CHARLESTON	WB4LET	147.87	147.27	N	PL
CHERAW	KA4ABW	147.735	147.135	N	AE
CHESTER	AC4IP	146.025	146.625	N	CLOSED-T
COLUMBIA	WB4NEP	146.115	146.715	N	P
COLUMBIA	KC4GYM	146.175	146.775	*	BLPT156.7
COLUMBIA	N4NUY	147.93	147.33	D	
COLUMBIA	N4EOY	147.96	147.36	N	L
DILLON/PEE DEE	NN4N	146.145	146.745	*	
ELLOREE	KC4WIF	146.01	146.61	*	ABT118.8
FLORENCE	W4ULH	146.25	146.85	D	A
FLORENCE	WA4ISM	146.37	146.97	*	A
FLORENCE	W4PNZ	147.795	147.195	N	B
FORT MILL	AA4SC	147.78	147.18	D	
GAFFNEY	KN4RG	144.87	145.47	*	B
GASTON	WB4NEP	144.61	145.21	N	P
GEORGETOWN	WD4DMI	147.975	147.375	N	
GILBERT	KC4GYM	144.83	145.43	*	BLPT156.7
GREENVILLE	W4IQQ	146.34	146.94	*	T7
GREENVILLE	K4LEO	147.975	147.375	N	T
GREENWOOD	K4VIA	147.765	147.165	*	BP
GREENWOOD/HODGES	KB4CS	144.53	145.13	N	
GRNVLE/CSRS HD	W4NYK	146.01	146.61	*	
GRNVLE/PARIS MT.	W4NYK	146.22	146.82	*	P
HILTON HEAD	W4ILN	147.84	147.24	*	
INMAN	WD8OXE	144.55	145.15	*	P
LANCASTER	W4PAX	146.10	146.70	*	P
LANCASTER	AC4VT	147.84	147.24	D	
LAURENS	KB4YF	146.265	146.865	*	T107.2
LEXINGTON	KA4FEC	147.99	147.39	*	B
LITTLE MT.	K4AVU	147.81	147.21	N	
MARION	W4YLT	146.40	147.00	N	E
MONCKS CORNER	KA4BJM	147.75	147.15	N	
MYB BCH/BRKSVIL	AC4AM	147.885	147.285	*	AL
MYR BCH/CONWAY	WD4JMT	144.51	145.11	*	BE
MYRTLE BEACH	WA4DDK	144.87	145.47	N	T
MYRTLE BEACH	WD4JMT	147.72	147.12	*	BER
N. AUGUSTA	K4FKJ	146.13	146.73	*	
N. MYRTLE BEACH	K4HOG	147.63	147.03	D	B
N. SPARTANBURG	N4UZT	147.915	147.315	D	ABET141.3
NEWBERRY	KB4CO	146.085	146.685	N	
ORANGEBURG	WM3O	146.205	146.805	N	C
ORANGEBURG	WB4FOH	146.28	146.88	D	ABLT118.8
ORANGEBURG	KM4RP	147.69	147.09	N	
PAGELAND/HIPOINT	KA4ABW	146.295	146.895	*	ABLR
PICKENS	WB4YXZ	146.40	147.00	N	
RKY RDG/WALLACE	KA4ABW	144.89	145.49	*	A
ROCK HILL	AA4PF	144.71	145.31	D	PL
ROCK HILL	K4YTZ	146.43	147.03	N	P
SANTEE	W4DTW	147.825	147.225	N	AB
SENECA/LONG MT.	WA4JRJ	147.87	147.27	*	BEP
SIMPSONVILLE	WD4BJY	146.13	146.73	*	
SIMPSONVILLE	WA4SDT	147.75	147.15	N	Y
SPARTANBURG	K4JLA	147.69	147.09	*	A
ST. MATTHEWS	AD4U	146.07	146.67	N	ABLRT131.8
SUMMERTON	N4LWY	144.55	145.15	N	P
SUMMERVILLE	WA4HNK	147.78	147.18	*	
SUMTER	WB4KIV	144.53	145.13	N	
SUMTER	KB4CIH	146.04	146.64	D	
#SUMTER	KQ7E	147.615	147.015	D	UNCOORD.
SUMTER/SHAW	W4VFR	147.66	147.06	N	A
#UNION	KI4PA	144.65	145.25	*	UNCOORD.
WEST COLUMBIA	KC4GYM	144.67	145.27	*	BLP
WHITE HALL	W4BWZ	146.31	146.91	*	B
WHITE OAK MTN.	WD4MGM	147.885	147.285	N	

220 MHZ

AIKEN	W4TUN	223.36	224.96	N	TA
CHARLESTON	KA4NRL	222.58	224.18	N	BP
COLUMBIA	KC4SWI	223.04	224.64	N	BP
COLUMBIA	N4EOY	223.30	224.90	N	LR
CROSS	KB4VFD	222.98	224.58	*	CA
FLORENCE	N4JJ	223.34	224.94	N	BP
GREENVILLE	W4ILY	222.60	224.20	*	A
LEXINGTON	KD4KAO	222.96	224.56	*	O T
LITTLE MTN.	K4RWN	222.92	224.52	N	PB
ORANGEBURG	KO4BR	223.18	224.78	N	BP
PICKENS	WB4QHF	222.80	224.40	*	BP
PICKENS/CSRS HD	WB4QHF	222.54	224.14	*	LR
PICKENS/SASFR MT.	KJ4X	222.72	224.32	*	B
ROPER MT/GRNVL	W4NYK	223.32	224.92	*	
SUMTER	K4GYR	223.26	224.86	*	
SUMTER/SHAW	W4VFR	223.06	224.66	N	
WEST COLUMBIA	KC4GYM	222.52	224.12	*	PROPOSED
WEST SPRINGS	KN4CW	222.84	224.44	N	BP

440 MHZ

AIKEN	W4TUN	448.40	443.40	N	TA
ANDERSON/SAS MT	WD4BUH	449.925	444.925	D	BO
CHARLESTON	N4MNH	449.30	444.30	*	AB
CHARLESTON	KD4PBC	449.95	444.95	D	BL
COLUMBIA	KC4GYM	447.075	442.075	*	BT156.7
COLUMBIA	N4EOY	448.00	443.00	N	LR
FLORENCE	N4JJ	449.00	444.00	N	B
GAFFNEY	KN4RG	449.80	444.80	*	C
GOOSE CREEK	N4CNN	434.00	421.25	N	PROPOSED
GREENVILLE	KB4PQA	447.25	442.25	*	BRP
GRNVLE/PARIS MT.	ND4N	448.35	443.35	*	P
LANCASTER	N4MZL	449.10	444.10	N	A
LAURENS	WD4CWY	448.775	443.775	*	BT
LEXINGTON	N4GUP	439.25	421.25	D	V
#LEXINGTON	KD4KAO	449.35	444.35	*	UNCOORD.
MYB BCH/BRKSVIL	AC4AM	449.525	444.525	*	O
MYR BCH/CONWAY	WD4JMT	449.675	444.675	*	BE
NORTH CHARLESTON	KC4UDD	449.60	444.60	*	AB
ORANGEBURG	WM3O	449.975	444.975	N	AB
PICKENS/CSRS HD	WB4QHF	447.40	442.40	*	T131.8
ROCK HILL	WB4TWX	448.475	443.475	N	B
SUMMERVILLE	KC4OOZ	447.30	442.30	*	BR
#SUMMERVILLE	WA4HNK	448.80	443.80	*	UNCOORD.
SUMTER	WA4UMU	439.25	423.25	N	V
SUMTER	K4GYR	449.50	444.50	*	P
WEST COLUMBIA	KC4GYM	449.20	444.20	*	BLPT156.7

TENNESSEE REPEATERS

10 METERS

GREENEVILLE	WB4NKM	29.54	29.64	*	
JACKSON	NQ4W	29.54	29.64	N	C
MEM/FISHERVILLE	N4DRL	29.58	29.68	*	ALR
MEMPHIS	W4ZJM	29.52	29.62	D	BLT*#
NASHVILLE	WA4BZU	29.54	29.64	N	TLO
UNION CITY	WA4YGM	29.56	29.66	D	O

6 METERS

CHATTANOOGA	WB4LRD	52.01	53.01	N	
COOKEVILLE	WA4UCE	52.19	53.19	N	
GALLATIN	WD4KWP	52.45	53.45	N	L
GREENEVILLE	WB4NKM	52.01	53.01	*	
GUTHRIE (TN/KY)	KA4ZKL	52.23	53.23	N	
KNOXVILLE	WA4YON	52.25	53.25	N	
KNOXVILLE	N4UAG	52.35	53.35	N	PROPOSED
KNOXVILLE	KD4JGT	52.55	53.55	N	PROPOSED
KNXVL/ENG MT	WB4IOB	52.15	53.15	D	A
MEM/FISHERVILLE	N4DRL	52.27	53.27	*	LRT
MEMPHIS	WA4KOG	52.01	53.01	N	
MEMPHIS	K4RDK	52.55	53.55	N	
MORRISTOWN	KD4LP	52.23	53.23	D	
NASHVILLE	N4ARK	52.525	145.21	*	BR
OAK RIDGE	WD4GYN	52.11	53.11	D	
ROAN MTN.	KD4PVU	52.31	53.31	*	B

2 METERS

ALAMO	WB4EDS	147.735	147.135	N	
ALCOA	N4RYR	146.055	146.655	*	ABE
ANDERSON CTY	WB4KUD	146.10	146.70	D	AB
ATHENS	WA4PNI	144.71	145.31	*	T141.3
BENTON	K4SIR	144.85	145.45	N	T
BLOUNTVILLE	WA4KMG	147.60	147.00	N	B
BRISTOL	WB4DKI	146.07	146.67	*	A
BRISTOL	WD4CYZ	146.28	146.88	N	
BRISTOL/HLSTN MT.	K4LSP	146.16	146.76	N	A
BROWNSVILLE	KB4YTU	144.83	145.43	N	PL
BROWNSVILLE	K4OKV	146.055	146.655	D	AB
BRUCETON	NU5O	144.57	145.17	*	BLT107.2
CARTHAGE	N4OTT	144.59	145.19	*	
CHARLESTON	KD4LDU	146.46	147.06	*	BEPT141.3
CHATT/SIGNAL MT.	W4AM	146.055	146.655	N	O
CHATTANOOGA	K4CMY	144.53	145.13	*	
CHATTANOOGA	K4VCM	144.69	145.29	D	
CHATTANOOGA	W4AM	144.79	145.39	D	A
CHATTANOOGA	K4CMY	146.01	146.61	D	
CHATTANOOGA	W4AM	146.19	146.79	D	A
CLARKSVILLE	WD4SGA	147.60	147.00	N	
CLARKSVILLE	AA4TA	147.99	147.39	N	A
CLEVELAND	W4GZX	146.31	146.91	*	A
CLEVELAND	KD4NEB	147.705	147.105	N	PROPOSED
CLEVELAND	WD4DES	147.78	147.18	D	A
COLLEGEDALE	KE4QS	147.60	147.00	*	
COLLIERVILLE	NU5O	144.53	145.13	*	
COLLINWOOD TN.	KM4ME	146.055	146.655	N	
COLUMBIA	WA4ZYX	147.72	147.12	*	AB
COOKEVILLE	NQ4Y	144.51	145.11	N	
COOKEVILLE	WA4UCE	144.83	145.43	N	A
COOKEVILLE	K4HKZ	147.645	147.045	N	C
COOKEVILLE	N4WS	147.81	147.21	*	AER
COVINGTON	WA4KOG	144.85	145.45	N	PR
COVINGTON	WA4VXW	147.93	147.33	N	PLK
CROSSVILLE	AC4AA	146.265	146.865	*	
CUMBERLAND CITY.	WD4DBJ	144.73	145.33	*	
DAYTON	K4PHT	144.65	145.25	D	
DAYTON/RHEA CTY	WA4VEU	147.99	147.39	*	B
DECATUR-PONE KB.	W4RJC	144.55	145.15	N	
#DICKSON	KN4HL	147.975	147.375	*	UNCOORD.
DOVER	N4VIH	144.81	145.41	*	
DYERSBURG	WB4RCK	146.145	146.745	N	
ERWIN/PINNACLE	N4WXS	144.65	145.25	*	ABER PR
ERWIN/UNICOI CO.	AC4QF	147.765	147.165	*	BP
FAYETTEVILLE	KO4G	146.265	146.865	N	
FAYETTEVILLE	W4NIQ	147.63	147.03	N	BP
FRANKLIN	W4XS	144.55	145.15	*	
FRUITLAND	NU5O	146.175	146.775	*	BLT107.2
GALLATIN	N4SSB	144.53	145.13	D	T107.2
GALLATIN	WD4BKY	147.84	147.24	*	BLT114.8
GALLATIN	WA4YQC	147.87	147.27	*	BLPT114.8
GERMANTOWN	KA4ATI	147.69	147.09	N	
GOODLETTSVILLE	KC4PRD	146.385	146.985	N	PROPOSED
GRAND JUNCTION	N4DRL	147.63	147.03	*	
GRANDJUNCTION	N4DRL	146.43	147.03	*	
GRAY	WD4SBX	144.51	145.11	*	T103.5
GREENBRIER	WQ4E	147.675	147.075	N	B
GREENEVILLE	K4EPC	144.79	145.39	*	B
GREENEVILLE	WB4NKM	144.81	145.41	*	
GRNVLE/VIKING MT	KB4UG	147.66	147.06	N	R
GTLBG/COVE MTN.	WA4KJH	146.25	146.85	D	LE
GUTHRIE (TN/KY)	KA4NNE	146.205	146.805	N	
HENDERSON	K4TC	147.705	147.105	D	PE
HENDERSONVILLE	WB4WZK	144.67	145.27	*	PT
HENDERSONVILLE	K4UVH	147.945	147.345	N	
HOHENWALD	KE4KO	144.85	145.45	N	
HUMBOLDT	NQ4Y	144.75	145.35	N	AL
JACKSON	WB7BOX	144.51	145.11	N	AL
JACKSON	KF4SC	144.71	145.31	N	A
JACKSON	W4WKZ	147.81	147.21	N	A
JAMESTOWN	K4NLP	147.69	147.09	*	T100.0
JASPER	KD4XX	144.59	145.19	*	A
JOHNSON CITY	W4ABR	146.19	146.79	*	BP
JOHNSON CITY	KE4FH	147.87	147.27	N	A
JOHNSON CITY/HO	WB4SQC	144.69	145.29	*	
KNGSPT/BAYS MT.	W4TRC	146.37	146.97	D	BP
KNOXVILLE	KN4QB	144.51	145.11	D	
KNOXVILLE	WB4GBI	144.57	145.17	*	
KNOXVILLE	W4BBB	144.61	145.21	D	A
KNOXVILLE	WA4TEM	144.73	145.33	*	ABER
KNOXVILLE	WA4GZE	144.77	145.37	D	
KNOXVILLE	N4IUA	144.83	145.43	N	
KNOXVILLE	WB4GBI	144.87	145.47	*	
KNOXVILLE	WB4GBI	146.025	146.625	*	
KNOXVILLE	WB4GBI	146.34	146.94	*	
KNOXVILLE	KA4AZQ	146.40	147.00	D	BT100.0
KNOXVILLE	WB4GBI	147.675	147.075	*	A
KNOXVILLE	KA4AZQ	147.795	147.195	D	BT100.0
KNOXVILLE	W4BBB	147.90	147.30	D	
KNXVL/ENG MT	WB4IOB	146.13	146.73	D	
LAFAYETTE	KC4ECD	144.71	145.31	*	ET151.4
LAFOLLETTE	KA4OAK	144.53	145.13	N	A
LAFOLLETTE	KA4OAK	147.96	147.36	N	
LAFOLLETTE/WMT	K4BGW	146.07	146.67	*	
LAKE CITY	WB4OAH	146.22	146.82	N	A
LAVERNE	KJ4RA	144.63	145.23	N	
LEBANON	WB4DOR	144.79	145.39	N	
LEBANON	WD4JVV	147.615	147.015	N	
LEBANON	N4IDG	147.705	147.105	*	PROPOSED
LEXINGTON	WD4MVR	146.43	147.03	N	
MANCHESTER	W4UOT	146.10	146.70	*	AL
MARTIN	N4ABU	146.025	146.625	*	A
MAYNARDVILLE	KB4KIE	144.63	145.23	N	E
MCMINNVILLE	WD4MWQ	146.37	146.97	N	P
MCMINVL/SHT MT.	WB4LHO	144.89	145.49	*	
MCNAIRY	NU5O	147.675	147.075	*	BLT107.2
MEDINA	WA4RWK	146.37	146.97	N	AB
MEM/FISHERVILLE	N4DRL	144.73	145.33	*	ABL
MEMPHIS	K0JXI	144.55	145.15	N	
MEMPHIS	KA0BRN	144.57	145.17	N	ALT

MORE TENNESSEE REPEATERS

MEMPHIS	WA4KOG	144.89	145.49	N	
#MEMPHIS	WB4KQG	146.04	146.64	N	UNCOORD.
MEMPHIS	N4DON	146.13	146.73	D	P
MEMPHIS	WA4HBY	146.19	147.51	N	NBT
MEMPHIS	W4BS	146.22	146.82	D	P
MEMPHIS	WA4KOG	146.25	146.85	N	A
MEMPHIS	WA4ETE	146.28	146.88	*	AL
MEMPHIS	N4BSM	146.34	146.94	*	A
MEMPHIS	W4ZJM	146.40	147.00	D	BLT*#
MEMPHIS	WA4MQQ	147.66	147.06	N	
MEMPHIS	N4WAH	147.72	147.12	*	
MEMPHIS	WA4KOG	147.78	147.18	N	
MEMPHIS	WA4ADT	147.90	147.30	D	PL
MEMPHIS	W4BS	147.96	147.36	N	PR
MORGAN COUNTY	WD4ORB	147.93	147.33	*	
MORRISTOWN	KD4LP	144.85	145.45	D	B
MORRISTOWN	KD4LP	147.63	147.03	D	E
MORRISTOWN	WB4OAH	147.825	147.225	N	A
MOUNTAIN CITY	WD4OMO	144.87	145.47	N	
MURFREESBORO	WB4LHO	144.57	145.17	*	
MURFREESBORO	N4ARK	147.915	147.315	*	
NASHVILLE	N4ARK	144.61	52.525	*	BLR
NASHVILLE	N4ARK	144.61	145.21	*	BLR
NASHVILLE	N4ARK	144.87	145.47	*	BP
NASHVILLE	WA4PCD	146.01	146.61	N	P
NASHVILLE	W4PQP	146.16	146.76	N	
NASHVILLE	W4SQE	146.19	146.79	*	
NASHVILLE	W4AY	146.25	146.85	*	PT114.8
NASHVILLE	WA4PCD	146.28	146.88	*	PT114.8
NASHVILLE	WA4PCD	146.34	146.94	N	
NASHVILLE	KJ4ZQ	147.615	147.015	*	
NASHVILLE	K4AYN	147.645	147.045	N	
NASHVILLE	WA4PCD	147.75	147.15	N	
NASHVILLE	K4ZGA	147.78	147.18	*	ABT114.8
NASHVILLE	WA4BZU	147.855	147.255	N	TP
NASHVILLE	WB4ZSA	147.90	147.30	N	P
NASHVILLE	WB4NTM	147.96	147.36	D	ATL
NASHVILLE W	WB4NTM	146.04	146.64	D	AT
NASHVILLE W	WB4NTM	146.07	146.67	D	ATL
NASHVLE/FAIRVIEW	N4ARK	144.51	145.11	*	B
NOLENSVILLE	WD4JYD	144.75	145.35	*	BEP
OAK RIDGE	W4SKH	146.28	146.88	D	
OAK RIDGE	W4SKH	146.37	146.97	D	A
OAK RIDGE	K4EAJ	147.72	147.12	*	
OAK RIDGE	K4EAJ	147.75	147.15	*	LT
OAKFIELD	WA4BJY	147.99	147.39	N	PRT
OLIVER SPRINGS	AA4UP	146.145	146.745	*	
PARIS	K4LX	147.96	147.36	N	A
PETROS/FRZ HD MT.	KJ4SI	147.855	147.255	*	BERPT94.8
PIKEVILLE	K4PUX	147.885	147.285	*	
PINSON	WB0TMC	147.87	147.27	*	C
POCAHONTAS	WB4MMI	144.65	145.25	N	O
PULASKI/MUSIC MT.	WB4OYG	146.175	146.775	D	E
PURYEAR	WA4CEX	147.765	147.165	N	
RAMER	WB4MMI	146.10	146.70	N	BT94.8
RIDGETOP	WD4FFM	144.69	145.29	N	
#ROCKWOOD/MT ROOKA	4QYI	146.04	146.64	*	UNCOORD.
ROCKWOOD/MT ROOSA	A4KS	147.615	147.015	*	ABER
ROGERSVILLE	KD4HZN	147.915	147.315	N	AB
SALTILLO	KB4JUB	146.115	146.715	*	
SAVANNAH	WB4DQU	146.31	146.91	N	
SEV/SHIELDS MT.	N4CJX	144.67	145.27	N	
#SHELBYVILLE	KC4KRM	144.53	145.13	D	UNCOORD.
#SHELBYVILLE	W4QEB	147.66	147.06	N	UNCOORD.
SHORT MTN.	W4YXA	146.31	146.91	N	
SMITHVILLE	KI4OG	144.77	145.37	N	ALT
SPRING HILL	NW4E	144.85	145.45	N	A
SULPHUR SPRINGS	WD4OBW	146.325	146.925	*	L
TRENTON	KN4KP	146.265	146.865	N	AE
UNION CITY	WA4YGM	146.10	146.70	D	A
UNION CITY	WA4YGM	147.615	147.015	D	OAR
WALLAND	KB4PIO	146.085	146.685	N	BP
WATERTOWN	KD4EHL	146.13	146.73	N	T100.0
WATERTOWN	N4IDG	146.235	146.835	*	LP
WINCHESTER	W4SFF	146.22	146.82	*	A

220 MHZ

BLOUNTVILLE	WA4KMG	222.60	224.20	N	B
BROWNSVILLE	KB4YTU	222.60	224.20	N	PL
CHATT/SIGNAL MT.	WA4ZOK	223.30	224.90	N	
CHATTANOOGA	K4VCM	223.18	224.78	D	
CLARKSVILLE	KF4GP	222.34	223.94	N	
CLEVELAND	KK4US	222.72	224.32	N	AB
COLLIERVILLE	KB4YGI	222.80	224.40	N	PL
COLUMBIA	KE4KO	223.12	224.72	N	
DAYTON	K4PHT	223.24	224.84	D	PROPOSED
FISHERVILLE	N4DRL	223.28	224.88	*	AL
FRANKLIN	WD4SGS	222.54	224.14	N	
GALLATIN	WB4ZSA	222.38	223.98	N	
GRAY/HOLSTON MT	NWD4SBX	223.30	224.90	*	T103.5
GREENBRIAR	WQ4E	223.20	224.80	N	AB
GREENBRIER	WQ4E	223.16	224.76	N	
GREENEVILLE	WB4NKM	223.34	224.94	*	ABR
HERMITAGE	WB4RAB	222.30	223.90	N	
JC/BUFFALO MT.	WA4UCI	223.18	224.78	D	
JONESBOROUGH	WD4OBW	222.92	224.52	*	ALB
KNOXVILLE	N4OQJ	222.78	224.38	*	T100.0
KNOXVILLE	WA4YON	222.86	224.46	N	
KNOXVILLE	W4BBB	222.90	224.50	D	
KNOXVILLE	N4KFI	222.98	224.58	N	B
KNXVL/CROSS MT.	KB4FZK	222.62	224.22	*	BT100
LAFOLLETTE	KA4OAK	222.68	224.28	N	
LAVERGNE	KJ4RA	223.36	224.96	N	
MEM/FISHERVILLE	N4DRL	222.90	224.50	*	AL
MEMPHIS	W4ZJM	222.34	223.94	D	BLT*#
MEMPHIS	W4BS	222.82	224.42	D	L
MEMPHIS	WA4KOG	223.18	224.78	N	
MORRISTOWN	N4RBB	222.80	224.40	N	AB
MORRISTOWN	KC4RGQ	223.04	224.64	*	ABL
NASHVILLE	WB4NTM	222.48	224.08	D	
NASHVILLE	WR3S	222.56	224.16	N	ABRL
NASHVILLE	KB4ZOE	222.76	224.36	*	AR
NASHVILLE	KI4OG	222.84	224.44	N	AERT
NASHVILLE	K4ZGA	222.88	224.48	*	O A
NASHVILLE	WR3S	223.06	224.66	N	ALR
NASHVILLE	N4PYI	223.14	224.74	*	
NASHVILLE	KC4PRD	223.24	224.84	N	PROPOSED
NASHVILLE	WA4PCD	223.34	224.94	N	T
SEVIERVILLE	N2FUV	222.84	224.44	N	PT
SEVIERVILLE	KD4IBW	223.10	224.70	*	BL
SEVIERVILLE	KD4IBW	223.20	224.80	N	PROPOSED
SHORT MTN.	KE4NP	222.66	224.26	*	LRT114.8
SPRINGFIELD	KO4BN	222.62	224.22	N	ABER

440 MHZ

ALAMO	WB4EDS	448.75	443.75	N	L
BARTLETT	WA4DOR	448.70	443.70	*	T107.2
BARTLETT	WA4PAJ	449.25	444.25	N	
BENTON/BEAN MT.	K4SIR	449.95	444.95	N	T
BETHPAGE	KC4YCR	447.20	442.20	N	
BLUFF CITY	WB4RAV	449.725	444.725	N	BCO
BRISTOL/HLST MT	K4LSP	449.50	444.50	N	A
BROWNSVILLE	KB4YTU	449.20	444.20	N	PL
BROWNSVILLE	KB4YTU	449.45	444.45	N	CPL
CARTHAGE	N4OTT	448.725	443.725	*	
CHATTANOOGA	WJ9J	447.15	442.15	N	ABELR
CHATTANOOGA	N4JSR	447.325	442.325	N	
CHATTANOOGA	W4AM	449.10	444.10	D	A
CHATTANOOGA	WB4LRD	449.875	444.875	N	
CLARKSVILLE	WA4BZU	449.325	444.325	*	O T107.2
CLARKSVILLE	KF4GP	449.95	444.95	N	ABT167.9
CLEVELAND	WD4DES	447.25	442.25	D	
CLEVELAND	KD4NEB	447.45	442.45	N	AB
CLEVELAND	W4GZX	449.275	444.275	*	C AB
CLEVELAND/BEAN MT.	KA3SWI	447.025	442.025	N	ELRP
COLUMBIA	WA4BGK	449.925	444.925	*	T107.2
COOKEVILLE	N4UBR	447.30	442.30	N	B
COOKEVILLE	NQ4Y	449.55	444.55	N	
CUMBERLAND CITY.	WD4DBJ	448.40	443.40	*	PT
DAYTON	KN4VY	447.075	442.075	N	ELP
DOVER	N4VIH	449.925	444.925	*	
ETHRIDGE	AB4UP	449.075	444.075	*	ARBLT107.2
FAYETTEVILLE	KC4GPM	448.10	443.10	*	O
FISHERVILLE	N4DRL	449.30	444.30	*	ABEL
FRANKLIN	N4ULM	448.85	443.85	N	
FRANKLIN	WA4AKM	449.725	444.725	*	LT107.2
GALLATIN	N4SSB	447.60	442.60	D	BLT107.2
GALLATIN	WD4BKY	449.00	444.00	*	BLT107.2
GALLATIN	WD4BKY	449.35	444.35	*	LPT114.8
GALLATIN	WD4KWP	449.45	444.45	N	
GALLATIN	WA4AKM	449.775	444.775	*	LT107.2
GATLBG/COVE MT.	WA4KJH	448.30	443.30	D	L
GRAY/HOLSTON MT	WD4SBX	447.20	442.20	*	T103.5
GREENBRIER	WQ4E	449.25	444.25	N	
GREENEVILLE	WB4NKM	449.65	444.65	*	T100.0
GRNVLE/VIKING MT	KB4UG	448.20	443.20	N	C
HENDERSON	K4TC	449.75	444.75	D	P
JACKSON	WB4EPG	447.80	442.80	N	A
JACKSON	WB7BOX	449.875	444.875	N	PERLT
JAMESTOWN	KC4MJN	448.625	443.625	*	
JASPER	KD4XV	447.05	442.05	*	O
JOHNSON CITY	KE4FH	449.10	444.10	N	PROPOSED
JOHNSON CITY/HO	WB4SQC	448.425	443.425	*	
KNOXVILL/ENG MTN	WB4HAP	449.60	444.60	D	
KNOXVILLE	WA4NTJ	447.50	442.50	N	
KNOXVILLE	N4UAG	448.025	443.025	D	PROPOSED
KNOXVILLE	KC4NNN	449.175	444.175	N	A
KNOXVILLE	WB4GBI	449.30	444.30	*	
KNOXVILLE	KC4NNN	449.425	444.425	N	B
KNOXVILLE	KB4KSL	449.50	444.50	D	AO
KNXVL/CROSS MTN	N4UAG	448.075	443.075	D	BT
LAFAYETTE	KC4ECD	449.125	444.125	*	RT107.2
LAFOLLETTE	KB4OTK	448.70	443.70	*	PROPOSED
LEBANON	WA4AWI	448.275	443.275	N	PROPOSED
LEBANON	N4IDG	448.575	443.575	*	PROPOSED
LEBANON	WA4AXH	449.275	444.275	D	T
MARYVILLE	KC4PDQ	449.075	444.075	*	ABER
MCMINNVILLE	WD4MWQ	449.85	444.85		
#MCMINNVILLE/HF.	WD4MWQ	449.65	444.65	N	UNCOORD.
MCNAIRY	NU5O	449.55	444.55	*	CLOSED
MEDINA	WA4BJY	447.05	442.05	N	AL
MEMPHIS	W4EM	434.00	421.25	D	V
MEMPHIS	WB4EPG	447.625	442.625	N	
MEMPHIS	WF4G	447.825	442.825	N	
MEMPHIS	W4ZJM	448.00	443.00	D	BT*#
MEMPHIS	KA4JXT	448.10	443.10	*	T107.2
MEMPHIS	W4BS	448.20	443.20	D	
MEMPHIS	WA4QWW	448.40	443.40	N	A
MEMPHIS	WA4KOG	448.80	443.00	N	NB
MEMPHIS	KA5RYF	448.95	443.95	N	
MEMPHIS	KA0BRN	448.975	443.975	N	ALT
MEMPHIS	WA4ETE	449.00	444.00	*	T
MEMPHIS	K4RDK	449.025	444.025	N	
MEMPHIS	KA4JXT	449.10	444.10	*	RP
MEMPHIS	WA4KOG	449.40	444.40	N	
MEMPHIS	N4WAH	449.50	444.50	*	CLOSED
MEMPHIS	K0JXI	449.60	444.60	N	
MEMPHIS	K0JXI	449.80	444.80	N	
MEMPHIS	WB4NNE	449.95	444.95	N	O
MEMPHIS/ADAMS MK	K5FC	449.825	444.825	D	
MILAN	WD4ABJ	447.10	442.10	N	
MORRISTOWN	KA4NEX	449.20	444.20	N	
MORRISTOWN	KD4LP	449.80	444.80	D	AB
MORRISTOWN	KD4LP	449.975	444.975	D	CLOSED
NASHVILLE	KJ4ZQ	439.25	421.25	*	V
NASHVILLE	WB4PUB	448.05	443.05	*	
NASHVILLE	KI4OG	449.05	444.05	N	ALTR
NASHVILLE	WB4NTM	449.15	444.15	D	ATL
NASHVILLE	N4ARK	449.20	444.20	*	
NASHVILLE	N4ARK	449.225	444.225	*	BLPT107.2
NASHVILLE	WA4BZU	449.30	444.30	*	O T107.2
NASHVILLE	WA4BGK	449.525	444.525	N	T
NASHVILLE	WA4WCK	449.575	444.575	*	T
NASHVILLE	N4TK	449.625	444.625	*	PT107.2
NASHVILLE	WA4PCD	449.675	444.675	N	
NASHVILLE	WA4AKM	449.875	444.875	*	T107.2
NASHVILLE	WA4AKM	449.975	444.975	*	LRPT107.2
NEW DEAL	N4SSB	447.90	442.90	N	PROPOSED
OAK RIDGE	K4EAJ	449.40	444.40	*	L
OAKFIELD	WA4BJY	447.20	442.20	N	PTL
PALMER	KD4JZI	447.65	442.65	N	PROPOSED
PARIS/GROVE HL	WA4WKS	448.50	443.50	N	
PIGEON FORGE	KD4CLA	449.35	444.35	D	PROPOSED
PULASKI	KB4TPI	439.250	421.250	N	V
PULASKI	KB4TPI	447.150	442.150	N	
RAMER	WB4MMI	449.90	444.90	N	BT
ROCKWOOD	KA4WJS	448.975	443.975	N	
SEVIERVILLE	KD4CWB	448.50	443.50	N	ABT
SEVIERVILLE	KD4IBW	448.675	443.675	*	BLR
SEVIERVILLE	KD4CWB	449.00	444.00	N	
SEVIERVILLE	KD4IBW	449.525	444.525	N	PROPOSED
SEYMOUR	KD4CWB	448.80	443.80	N	
SHELBYVILLE	KC4KRM	448.825	443.825	*	
SHORT MTN.	N4OYS	449.65	444.65	*	T107.5
SMITHVILLE	N4PYI	449.825	444.825	*	T107.2
SMRYNA	KJ4RA	448.975	443.975	N	
SODDY DAISY	WJ9J	449.45	444.45	N	BELRP
WATERTOWN	KE4WA	449.40	444.40	N	O T100.0
WATERTOWN	N4IDG	449.90	444.90	*	PT100

920 MHZ

MORRISTOWN	KD4LP	908.80	920.80	D	BP
NASHVILLE	K4ZGA	910.25	923.25	*	LV

1270 MHZ

MEMPHIS	N4MW	1272.00	1292.00	*	B
NASHVILLE	W4WXJ	1272.40	1284.40	N	
NASHVILLE	KB4ZOE	1274.50	1286.50	*	ABL
NASHVILLE	KD4EEW	1277.25	439.25	N	VL

BEACONS

GREENEVILLE	WB4NKM	222.058	*	BEACON
MEMPHIS	N4MW	28.25	*	
MEMPHIS	N4MW	50.07	*	
MEMPHIS	N4MW	144.28	*	
MEMPHIS	N4ZRW	144.297	*	O
MEMPHIS	N4MW	222.055	*	
MEMPHIS	N4MW	432.395	*	
MEMPHIS	N4MW	903.252	*	
MEMPHIS	N4MW	1296.31	*	
MEMPHIS	N4MW	2304.215	*	
MEMPHIS	N4MW	3456.04	*	
MEMPHIS	N4MW	5760.04	*	

VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

NEWPORT NEWS	WB4CTF	29.60	29.60	*	R
ONEIDA PK/BLFLD	WZ8E	29.58	29.68	D	RL
ROANOKE/POOR MT	WB8BON	29.54	29.64	D	CL
STERLING	KD4DN	29.58	29.68	M	MT

6 METERS

ALEXANDRIA	WA4CCF	52.13	53.13	M	ML
AMELIA COURTHSE.	KB4YKV	52.11	53.11	N	P
ARLINGTON	KI4MB	52.05	224.06	M	MCL
BEDFORD/THAX MT.	WB4DBB	52.15	53.15	*	
CENTERVILLE	KA4DCS	52.58	52.48	M	M
DANVILLE(DCC)	WB4GJG	52.13	53.13	*	
FANCY GAP	WD4ICX	52.29	53.29	*	T107.2
GATE CITY	N4WWB	52.21	53.21	*	ABL
GUM SPRINGS	KB4MIC	52.07	53.07	*	
HERNDON	WD4KHP	52.62	52.82	M	TM
LEXNGTN/ROCK MT.	KI4ZR	52.01	53.01	*	O L
RICHMOND	WB4FAX	52.43	53.43	N	
ROANOKE	WB4DBB	52.25	53.25	*	L
ROANOKE/POOR MT	WB8BON	52.09	53.09	D	CL

MORE VIRGINIA REPEATERS

2 METERS

ABINGDN/BRMLY MTK4LSP	146.01	146.61	N		L
ABINGDON NM4L	147.945	147.345	*		ABL
ACCOMAC WA4TVS	147.855	147.255	*		EB
ALEXANDRIA WB4MJF	144.55	145.15	M		M
ALEXANDRIA WD4PDP	146.055	146.655	M		MP
ALEXANDRIA W4HFH	147.915	147.315	M		ML
ALTAVISTA WA4ISI	146.055	146.655	*		BEP
AMELIA COURTHSE . KB4YKV	147.78	147.18	N		P
APL ORCH MTN WA1ZMS	144.81	145.41	*		BT100.0
ARLINGTON N4EFJ	144.87	145.47	M		M
BEAVERDAM N4CZJ	144.65	145.25	N		BP
BEDFORD WB4DBB	144.63	145.23	*		
BEDFORD WB4JBJ	147.705	147.105	D		PL
BLACKSBURG AB9I	146.115	146.715	N		
BLAND N4AZJ	144.75	145.35	*		RP
BLUEFIELD W8MOP	144.89	145.49	*		BEP
BLUEMONT WA4TSC	147.90	147.30	M		M
BRISTOL WD4CYZ	146.28	146.88	N		
CHARLOTTESVILLE ... WA4TFZ	146.16	146.76	*		
CHARLOTTESVILLE ... N4RAG	146.295	146.895	*		BT131.8
CHARLOTTESVILLE ... WA4TFZ	146.325	146.925	*		
CHESAPEAKE K4NDH	144.69	145.29	N		E
CHESAPEAKE N4GSP	146.01	146.61	D		ABE
CHESAPEAKE N4SD	146.19	146.79	*		AE
CHESAPEAKE KL7SR	147.705	147.105	N		C
CHESTERFIELD KA4CBB	147.96	147.36	*		BEP
CLARKSVILLE N4ZCM	144.87	145.47	*		CP
COLLINSVILLE KN4DE	147.72	147.12	N		BLT103.5
COVINGTON WA4HTI	146.205	146.805	*		L
CULPEPER AA4VI	147.72	147.12	M		M
DANTE WD4CYZ	147.855	147.255	N		O
DANVILLE(DCC) WB4GJG	146.325	146.925	*		BRPT104.2
DANVILLE/WHT OAKKM4AU	146.10	146.70	*		BERP
DUBLIN K4HZS	146.07	146.67	*		
ELK CRK/IRON MTN N4KZL	147.84	147.24	N		PROPOSED
ENON WB4VWR	147.66	147.06	*		BP
FAIRFAX W4LBL	146.19	146.79	M		MP
FALLS CHURCH W4AQD	144.75	145.35	M		MT
FARMVILLE WA4QQI	144.73	145.33	*		
#FARMVILLE N4RXM	146.31	146.91	*		UNCOORD.
FINCASTLE W4WIC	146.04	146.64	*		A
FOREST KA7UKJ	144.77	145.37	D		L
FOREST W8CXD	147.765	147.165	*		L
FRANKLIN K4SPS	147.90	147.30	D		PE
FREDRICKSBURG WB4LNT	147.615	147.015	M		M
GALAX/BRIRP MT N4VL	147.69	147.09	*		AB
GALAX/LKOUT MT N4VL	144.53	145.13	*		RT103.5
GATE CITY N4WWB	146.22	146.82	*		ABL
GLADYS N4UTN	147.945	147.345	*		BLT
GLOUCESTER KC4TOG	144.77	145.37	*		PE
GREENBAY K4ARO	144.55	145.15	N		
GRUNDY K4HWQ	147.915	147.315	N		A
GRUNDY/BIG A MT. KK4EH	146.235	146.835	N		
GUM SPRING WB4IKL	147.87	147.27	*		
HAMPTON K4DHO	146.13	146.73	*		PE
HAMPTON K4UMI	146.34	146.94	N		T
HAMPTON KA4VXR	147.825	147.225	N		A
HARRISONBURG N4YET	144.53	145.13	M		M
HARRISONBURG N4RAG	147.825	147.225	*		AMT131.8
HARRISONBURG N4YET	147.915	147.315	M		MA
HERNDON N4FXP	144.71	145.31	M		MP
JEWELL RIDGE WB4QJZ	147.75	147.15	N		
KILMARNOCK W2MS	144.61	145.21	*		A
LEXINGTON KI4ZR	147.90	147.30	*		AB
LEXNGTN/ROCK MT. KI4ZR	147.93	147.33	*		
LORTON KE4ZN	144.57	145.17	M		MT
LORTON N4JOQ	144.57	145.17	M		MC
LUNENBURG CT.HSE AA4OG	147.84	147.24	*		
LYNCHBURG W4WWQ	146.01	146.61	*		
LYNCHBURG AB4M	146.415	147.015	*		P
LYNCHBURG WA4RTS	147.795	147.195	*		
LYNCHBURG KB4ILD	147.975	147.375	N		P
MADISON N4AJO	147.99	147.39	M		M
MANASSAS WA4FPM	146.37	146.97	M		MBLPE
MARION KC4SKE	144.67	145.27	N		T103.5
MARION N4QLF	146.04	146.64	N		A
MARTINSVILLE KD4QWD	147.885	147.285	*		BPT107.2
MCLEAN WD4IWG	147.81	147.21	M		MBP
MOUNTAIN LAKE WZ8E	147.465	146.865	D		PL
MT.LAKE/BALD KNB K4TUE	146.31	146.91	*		O
NEW MARKET K4AVW	146.025	146.625	M		MB
NEWPORT NEWS W4MT	144.63	145.23	*		B
NEWPORT NEWS WA4OHX	144.89	145.49	*		ABET''6''
NEWPORT NEWS WB4CTF	147.765	147.165	*		PLR
NORFOLK WA4ZUA	144.57	145.17	N		PER
NORFOLK NS3F	144.73	145.33	*		BERP
NORFOLK NE4D	146.10	146.70	N		E
NORFOLK KA4HBU	147.675	147.075	N		B
NORTON/HIGH KNOB K4AXO	146.415	147.015	*		LP
OILVILLE N4TZE	147.69	147.09	N		C
ONEIDA PEAK/BLF .. WZ8E	146.355	146.955	D		PL
PEARISBURG N4AZJ	147.735	147.135	*		P
PENNINGTON GAP . N4LQC	146.10	146.70	N		
PETERSBURG K4ARO	147.99	147.39	N		
#PKS KB/PULASKI WB3S	147.78	147.18	*		UNCOORD.
PORTSMOUTH W4POX	146.25	146.85	*		AE
RICHMOND K4YPE	144.51	145.11	*		A
RICHMOND WB4FAX	144.59	145.19	N		
RICHMOND W4SQT	144.83	145.43	*		P
RICHMOND WB4QEY	146.04	146.64	*		P
RICHMOND WA4ZBE	146.28	146.88	*		P
RICHMOND W4ZA	146.34	146.94	*		B
RICHMOND WA4JST	146.43	147.03	N		O
RICHMOND N4HB	147.735	147.135	*		T107.2
ROANOKE N4AP	146.34	146.94	N		A
ROANOKE/POOR MTKC4DY	146.145	146.745	*		BERP
ROANOKE/POOR MTW4CA	146.385	146.985	*		BELP
ROANOKE/POOR MT.WB4QOJ	144.61	145.21	N		YVKL
ROANOKE/POOR MTNK4ARO	144.79	145.39	N		LT107.2
ROANOKE/POOR MTNKB4QWO	147.87	147.27	N		BCLP
RUSTBURG/LONG MTN4UTN	146.235	146.835	*		BP
SALEM W4PDL	146.28	146.88	N		
SALUDA AA4HQ	144.85	145.45	*		ABE
SMITHFIELD N3ELM	147.795	147.195	D		BRPT100.0
SOUTH BOSTON WD4LBM	146.46	147.06	*		PL
STAFFORD NM7J	144.67	145.27	M		MP
STAUNTON W4XD	146.10	146.70	*		
STAUNTON WA4ZBP	146.25	146.85	*		RYT131.8
STAUNTON W4WRN	146.37	146.97	N		E
STAUNTON/EL. KB ... WD4FOZ	147.645	147.045	*		T131.8
STERLING WA4TXE	146.115	146.715	M		MBP
STUARTS DRAFT KB4OLM	147.96	147.36	D		PELP
SUFFOLK WA4HMT	146.40	147.00	*		O EP
TROY KC4YLX	144.69	145.29	D		BEP
TYSONS CORNER W4XG	146.31	146.91	M		MP
VIENNA K4HTA	146.085	146.685	M		MB
VIRGINIA BEACH WA4KXV	146.295	146.895	*		
VIRGINIA BEACH WA4KXV	146.37	146.97	*		E
VIRGINIA BEACH WA4SBC	147.645	147.045	N		
VIRGINIA BEACH W4NV	147.975	147.375	*		BP
WALKERTON KA4DZU	146.115	146.715	N		
WARRENTON NZ4N	147.765	147.165	M		M
WARSAW KA4ZIP	147.93	147.33	*		E
WAYNESBORO W4PNT	147.675	147.075	*		BELP
WILLIAMSBURG K2QIJ	144.81	145.41	*		ABELT127.3
WILLIAMSBURG W4NTG	146.07	146.67	*		ABE
WILLIAMSBURG KB4ZIN	146.16	146.76	*		ABE
WINCHESTER N4RAG	144.61	145.21	*		MT131.8
WINCHESTER W4RKC	146.22	146.82	*		ME
WISE KC4MAI	146.265	146.865	N		AE
WOODBRIDGE WB4FQR	147.84	147.24	M		MA
WYTHEVILLE WB3T	146.175	146.775	D		AEL
WYTHEVILLE/BLAND WB3T	146.295	146.895	*		BLRT103.5
YORKTOWN WA4ZBF	147.945	147.345	N		

220 MHZ

ALEXANDRIA WA4CCF	223.22	224.82	M		ML
ARLINGTON KI4MB	222.46	224.06	M		M
BEDFORD N4PLV	223.24	224.84	*		B
BEDFORD/APL ORCHWA1ZMS	222.58	224.18	*		PROPOSED
BLF/ONEIDA PK KD4ARY	222.96	224.56	D		
BLFD/E.RIVER MTN... N8LGA	223.32	224.92	*		O
CHARLOTTESVILLE ... KB4YQC	222.54	224.14	*		BCPT
CHARLOTTESVILLE ... WA4TFZ	223.16	224.76	*		
COLLINSVILLE KN4DE	222.82	224.42	N		
DANVILLE AA4QT	222.78	224.38	*		BRPT
DELTAVILLE AA4HQ	223.30	224.90	*		AE
FAIRFAX WB4YHD	222.50	224.10	M		ML
FALLS CHURCH N4CHP	223.38	224.98	M		MP
GLOUCESTER PT. N4THN	223.02	224.62	*		BEP
HAMPDEN-SYDNEY . WB4PEA	222.60	224.20	N		O
HAMPTON WB4PVT	223.26	224.86	N		
LAKE GASTON WA4HMT	223.00	224.60	*		O
LEESBURG WA4TXE	222.42	224.02	M		M
LOVETTSVILLE WB4FUJ	222.86	224.46	M		MC
LYNCHBURG AB4M	222.68	224.28	*		P
MANASSAS KB4CVL	222.74	224.34	M		M
MANASSAS WA4FPM	223.06	224.66	M		MBLPE
MARTINSVILLE WB4BVI	222.90	224.50	D		P
NORTON/HIGH KNOB WD4GSM	222.82	224.42	*		C B
PETERSBURG K4ARO	223.10	224.70	N		
RICHMOND WA4ONG	222.92	224.52	N		K
ROANOKE WB4DBB	222.50	224.10	*		L
ROANOKE/CHAUS MTAB4EM	223.34	224.94	*		
SINGERS GLEN K4SAD	223.22	224.82	M		MC
STAUNTON N4RAG	223.14	224.74	*		
STERLING WD4KHP	222.12	223.72	M		M
TYSONS CORNER WD4KHP	222.82	224.42	M		MT
TYSONS CORNER WD4KHP	223.12	224.72	M		M
VIENNA K4HTA	222.34	223.94	M		M
VIRGINIA BEACH N4WQJ	223.14	224.74	D		
WAYNESBORO KA4RCL	223.08	224.68	*		T131.8
WOODBRIDGE WB4GJZ	223.18	224.78	M		M

440 MHZ

ALEXANDRIA WA9GVK	426.25	911.25	M		MVL
ALEXANDRIA WA9GVK	426.25	439.25	M		MV
ALEXANDRIA W4HFH	449.60	444.60	M		M
ALTAVISTA WA4ISI	449.425	444.425	*		B
ARLINGTON KA4DCS	444.875	449.875	M		M
ARLINGTON KI4MB	449.15	444.15	M		M
BEDFORD WB4DBB	449.35	444.35	*		L
BEDFORD/APL ORCHWA1ZMS	448.80	443.80	*		PROPOSED
BIG ''A'' MTN KB4WTP	449.875	444.875	*		
BLUEFIELD W8MOP	449.45	444.45	*		BR
BLUEFIELD WZ8E	449.625	444.625	D		PL
BLUEMONT WA4TSC	444.925	449.925	M		M
CHANTILLY K4HTA	443.375	448.375	M		MC
CHARLOTTESVILLE ... WA4TFZ	449.25	444.25	*		
CHESAPEAKE K4NDH	448.80	443.80	N		P
CHESAPEAKE N4EVG	448.90	443.90	*		PE
COLLINSVILLE KN4DE	449.575	444.575	N		T103.5
COVINGTON WA4HTI	447.25	442.25	*		O
DANVILLE KQ4UU	449.40	444.40	*		BR
ENON WB4VWR	449.20	444.20	*		R
FAIRFAX WD4KHP	444.775	449.775	M		MCL
FALLS CHURCH N4EFK	449.30	444.30	M		M
FALLS CHURCH KB2OA	449.45	444.45	M		ML
FANCY GAP N4OWU	449.375	444.375	*		T107.2
FANCY GAP N4XRY	449.90	444.90	*		RPB
FOREST W8CXD	448.60	443.60	*		O
FOREST WD4KQI	449.75	444.75	*		A
GASBURG WA4HMT	447.00	442.00	*		C
GATE CITY N4WWB	449.70	444.70	*		ABL
GREAT FALLS N3AVA	449.05	444.05	M		M
GUM SPRING KB4MIC	447.80	442.80	*		
HAMPTON K4UMI	448.65	443.65	N		
HAMPTON K4OGT	449.55	444.55	*		EPT167.9
INDEPENDNCE HILL. AA4VA	448.80	443.80	M		M
LEXNGTN/ROCK MT. KI4ZR	449.15	444.15	*		
LORTON WD4KHP	444.725	449.725	M		ML
LYNCHBG/JACK MT. KF4YI	447.40	442.40	*		P
LYNCHBURG K4HEX	426.25	923.25	*		V
LYNCHBURG WA1ZMS	447.65	442.65	*		PROPOSED
LYNCHBURG AB4FU	447.95	442.95	*		PT
LYNCHBURG/TOBRMTK4HEX	449.50	444.50	*		R
MADISON N8HON	449.40	444.40	M		MBL
MANASSAS WD4JCE	444.225	449.225	M		ML
MT. VERNON WA5ZAI	449.50	444.50	M		M
NORFOLK WD4MIZ	449.675	444.675	*		B
NORTON/HIGH KNOB WA4NDQ	449.85	444.85	*		BLRT103.5
OILVILLE KB4MIC	449.80	444.80	*		P
#ONEIDA PEAK/BLF WZ8E	448.625	443.625	D		UNCOORD.
PEARISBURG N4AZJ	449.975	444.975	*		T103.5
PETERSBURG K4ARO	447.60	442.60	N		PROPOSED
PETERSBURG WB4KZI	448.825	443.825	*		B
PORTSMOUTH KK4SN	449.00	444.00	*		AE
POWHATAN AC4QG	448.10	443.10	N		PROPOSED
RICHMOND KC4VDZ	447.30	442.30	*		
RICHMOND WA4ZBE	447.55	442.55	*		C
RICHMOND N4LFU	448.35	443.35	*		B
RICHMOND K4ARO	449.85	444.85	N		
RICHMOND/CHARVLEN4EHJ	449.65	444.65	*		PROPOSED
#ROANOKE AIRPORTKD4EG	448.75	443.75	N		UNCOORD.
ROANOKE/POOR MTW4CA	447.50	442.50	*		BEP
ROANOKE/POOR MT.N4FHL	426.25	439.25	N		V
ROANOKE/POOR MT.N4VG	447.70	442.70	*		
ROANOKE/POOR MT.WB8BON	448.65	443.65	D		C
ROANOKE/TINKER MWB8BON	449.925	444.925	D		B
SINGERS GLEN K4SAD	449.60	444.60	M		MC
SMITHFIELD N3ELM	448.55	443.55	D		BLPT100.0
SOUTH BOSTON AB4YR	448.925	443.925	*		
SPRINGFIELD WD4KHP	444.825	449.825	M		MT
STAFFORD KB4OB	448.85	443.85	M		MBP
STAUNTON WA4ZBP	449.825	444.825	*		
STAUNTON W4WRN	449.95	444.95	N		
STAUNTON/EL KNOB WD4FOZ	449.10	444.10	*		T131.8
STERLING WA4TXE	447.10	442.10	M		MLP
STERLING WA4TXE	447.20	442.20	M		M
STUART WB4GUG	447.225	442.225	*		T107.2
STUART/SPOON MTN WA4WTB	449.175	444.175	*		RT107.2
STUARTS DRAFT KB4OLM	449.05	444.05	D		BELP
THE PENTAGON K4AF	449.55	444.55	M		MT
TYSONS CORNER KM4FI	448.50	443.50	M		M
TYSONS CORNER K4JYF	449.75	444.75	M		M
VIENNA N4KOU	449.85	444.85	M		M
VIRGINIA BEACH WA4KXV	449.95	444.95	*		E
WAYNESBORO KA5NOJ	439.25	426.25	*		V
WAYNESBORO WA4EZA	449.20	444.20	D		BT141.3
WHITETOP MTN KM4X	448.00	443.00	*		BT103.5
WILLIAMSBURG W4NTG	448.95	443.95	*		O
WILLIAMSBURG KB4ZIN	449.10	444.10	*		B
WILLIS W4DUM	448.875	443.875	N		BT
WINCHESTER NB3O	444.175	449.175	M		M
WINCHESTER W3CSG	447.00	442.00	M		M
WOODBRIDGE KA4DCS	444.875	449.875	M		M
WOODBRIDGE N4LJZ	448.10	443.10	M		M
WOODBRIDGE WB4FQR	449.90	444.90	M		M
WOODFORD WA4SDE	443.975	448.975	M		M
#WYTHE/WALKER MTW83T	447.00	442.00	*		UNCOORD.
WYTHEVILLE/SAND .. WB3T	449.325	444.325	D		

920 MHZ

ALEXANDRIA WA4CCF	907.60	919.60	M		M
BEDFORD/APL ORCH WA1ZMS	909.10	921.10	*		PROPOSED
FOREST KB4OSI	909.00	921.00	D		
ROANOKE KM4TT	908.90	920.90	*		PT123.0

1270 MHZ

ALEXANDRIA WA4CCF	1270.60	1282.60	M		M
BEDFORD/APL ORCH WA1ZMS	1271.10	1291.10	*		PROPOSED
MCLEAN K6LEW	1272.10	1292.10	M		M
ROANOKE/POOR MTN WB4DBB	1271.02	1291.02	*		
TYSONS CORNER WR4S	1272.00	1292.00	M		MB

BEACONS

HIGH KNOB WD4GSM	144.054	*	
HIGH KNOB WD4GSM	432.075	*	

WEST VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

BECKLEY/BOLT	KA8OTX	29.52	29.62	*	
BERKELEY SPRINGS	KK3L	29.52	29.62	M	ML
#CHARLESTON	WB8CQV	29.54	29.64	N	UNCOORD.

6 METERS

BOLT/BOLT MT	N8DKL	52.05	53.05	N	
CHARLESTON	WB8YST	52.63	53.63	*	BP
MARMET/CHARLESTON8PEI		52.75	53.75	*	C BT141.3

2 METERS

AMBER RIDGE	K8BNJH	147.81	147.21	*	B
BARBOURSVILLE	KB8EHJ	146.46	441.00	D	L
BECKLEY/BOLT	N8FRV	144.57	145.17	*	AL
BECKLEY/EOC	KD8VS	144.77	145.37	N	A
BECKLEY/FLAT TOP	WA8WDK	146.25	146.85	N	L
BECKLEY/LAYLAND	WF1G	144.71	145.31	*	AL
BECKLEY/OAK HILL	N8FWL	144.63	145.23	N	PROPOSED
BERKELEY SPRINGS	KK3L	144.990	29.620	M	ML
BERKELEY SPRINGS	KK3L	146.145	146.745	M	MB
BLUEFIELD	W8MOP	144.89	145.49	*	BEP
BRIDGEPORT	WB8DKM	147.72	147.12	*	PT
BUCKHANNON	N8FHE	144.53	145.13	*	AL
BUCKHANNON	N8FHE	144.81	145.41	*	A
BUCKHANNON	WD8L	146.25	146.85	N	B
BUCKHANNON	N8ZAR	147.66	147.06	N	PROPOSED
CENTERVILLE	WB8FGM	146.295	146.895	N	C
CHARLES TOWN	N8EIV	146.385	146.985	M	MT-NIGHT
CHARLESTON	WS8L	144.83	145.43	D	P
CHARLESTON	WB8IFS	146.22	146.82	N	AE
CLARKSBURG	KD8TC	146.055	146.655	N	C
CLARKSBURG	N8FMD	146.085	146.685	*	L
CLARKSBURG	N8FMD	147.81	147.21	*	EPT103.5
CRAIGSVILLE	N8FMD	144.67	145.27	*	L
DAVIS	KE8MR	147.735	147.135	N	PROPOSED
ELIZIBETH	N8TWU	147.60	147.00	N	AB
ELKINS	KB8BWZ	146.175	146.775	N	
FAIRMONT	W8SP	144.75	145.35	N	A
FENWICK	KD8AB	146.34	146.94	N	
FLAT TOP/WINTRPL	WF1G	146.025	146.625	*	A
FRANKLIN	W3RUA	147.945	147.345	*	B
GASSAWAY	WB8MZI	146.01	146.61	*	
GLENVILLE	KA8ZXP	144.69	145.29	N	ABELR
GLENVILLE	KB8EUN	146.235	146.835	N	
GRAFTON	WD8LNB	147.975	147.375	*	
GRANTSVILLE	N8LGY	144.85	145.45	D	PE
HARRISVL/PENSBRO	WB8NSL	147.90	147.30	N	
HINTON	KB8EQC	147.855	147.255	*	AB
HORSEPEN MT	NV8H	147.795	147.195	N	PL
HUNTINGTON	WB8FEQ	144.61	145.21	D	BP
HUNTINGTON	W8VA	146.16	146.76	*	PEL
HUNTINGTON/CHAS	WB8EZR	146.04	146.64	*	ER
LEON	WD8OHX	147.78	147.18	N	BP
LEWISBURG	WB8SPW	146.13	146.73	*	P
LEWISBURG	WV8D	147.99	147.39	*	
LIBERTY	W8HYX	144.81	145.41	*	
#LOGAN	WA8ZLR	146.09	147.11	N	UNCOORD.
LOGAN/SUMERCO	NU8K	147.945	147.345	N	PL
LOGAN/WARD RK MTK	J8E	146.37	146.97	N	PL
MARMET	W8GK	144.55	145.15	N	B
MARTINSBURG	WA8FSE	144.55	145.15	M	MB
MARTINSBURG	WB8YZV	147.855	147.255	M	M
MCMECHEN	N8SUQ	146.31	146.91	*	
MORGANTOWN	K8LG	144.83	145.43	N	AL
MORGANTOWN	W8CUL	146.16	146.76	*	B
MORGANTOWN	KE8QC	147.675	147.075	D	AELRP
MULLENS/HRNDN MTKC8IT		147.63	147.03	*	R
NEW MARTINSVILE	KF8LL	146.385	146.985	N	AB
OAK HILL	W8OQC	146.19	146.79	*	E
PARKERSBURG	WV8G	144.89	145.49	*	AB
PARKERSBURG	WA8LLM	147.855	147.255	*	AB
PARKERSBURG	WA8CRW	147.99	147.39	*	B
PARKERSBURG (OH)	WF8U	146.145	146.745	*	ABER
PARKERSBURG (OH)	WA8CRW	146.37	146.97	*	A (OHIO)
PARSONS	K8VNQ	144.77	145.37	*	T118.8
PRINCETON	KA8PNC	146.46	147.06	*	P
PRINCETON	WB8NRK	147.825	147.225	*	
PRINCETON/PIPEST	WD8OGY	146.325	146.925	N	A
RAVENSWOOD	WD8JNU	146.07	146.67	D	P
RAVENSWOOD	WD8JNU	146.10	146.70	D	R
RICHWOOD	WB8YJJ	144.59	145.19	D	BT
RICHWOOD	W8FG	144.87	145.47	N	
SALT ROCK	WD8MCR	144.51	145.11	N	
SCOTT DEPOT	WC8S	147.87	147.27	*	ELRP
SHERRARD	KD8GL	146.115	146.715	*	EPL
SO. CHARLESTON	WB8CQV	146.28	146.88	N	L
SOUTH CHARLESTONKB8ODO		144.65	145.25	N	PROPOSED
SPENCER	WT8Z	147.705	147.105	N	
SPRUCE KNOB	N8HON	147.885	147.285	*	L
ST ALBANS	K8WMX	146.40	147.00	*	B
ST ALBANS	KA8SVR	147.75	147.15	N	BELRP
ST ALBANS	K8WMX	147.975	147.375	*	Y
ST MARYS/BENS R	WB8ECC	147.63	147.03	N	L
TERRA ALTA	KD8ZR	147.60	147.00	*	AE
UNION	KB8CM	146.085	146.685	*	
UPPER TRACT	KB8BUC	146.055	146.655	*	B
WEIRTON	W8CWO	146.34	146.94	N	ABEP
WELCH	W8BSXZ	144.85	145.45	N	
WESTON	WD8EOM	144.79	145.39	N	P
WESTON	WC8K	147.765	147.165	N	BR
WHEELING	W8BJGY	144.59	145.19	N	PL
WHEELING	W8ZQ	146.16	146.76	*	O B
WILLIAMSON	WR8M	144.73	145.33	*	AR

220 MHZ

CHARLESTON	WB8YST	222.76	224.36	*	BRPT
FLAT TOP/WINTRPL	WF1G	222.52	224.12	*	A
#LEON	WD8OHX	222.18	223.78	N	UNCOORD.
WILLIAMSON	WR8M	222.54	224.14	*	

440 MHZ

ALDERSON	WF1G	449.40	444.40	*	
AUDRA PARK	WD8DEP	449.90	444.40	N	
BECKLEY	N8FWL	448.475	443.475	*	PROPOSED
BECKLEY/BOLT	AA8BS	447.30	442.30	*	RB
BECKLEY/OAK HILL	WF1G	449.80	444.80	*	R
BELINGTON	N8SCS	449.90	444.90	N	
BLUEFIELD	W8MOP	449.45	444.45	*	BR
BUCKHANNON	N8FHE	448.10	443.10	*	L
BUCKHANNON	N8ZAR	449.25	444.25	N	BP
BUCKHANNON	WV8Y	449.50	444.50	N	BR
CHARLESTON	WB8YST	449.35	444.35	N	BR
CHARLESTON	WS8L	449.75	444.75	N	BL
CLARKSBURG	N8FMD	449.175	444.175	*	T103.5
ELKINS	N8FMD	449.85	444.85	*	
FAIRMONT	W8SP	448.875	443.875	N	PROPOSED
FLAT TOP/BECKLEY	WF1G	446.925	440.925	*	RLNB
GLENVILLE	KA8ZXP	449.325	444.325	N	
#HUNTINGTON	W8VA	447.60	442.60	*	UNCOORD.
HUNTINGTON	WB8EZR	448.00	443.00	*	
KEENY MTN	KF8FO	449.725	444.725	*	O
MORGANTOWN	K8LG	449.70	444.70	N	L
MORGANTOWN	W8CUL	449.80	444.80	*	B
MULLENS/HRNDN MTKC8IT		449.00	444.00	*	LR
PARKERSBURG	WV8G	449.775	444.775	*	BC
PINEVILLE	AA8BS	449.125	444.125	N	PROPOSED
SO. CHARLESTON	WB8CQV	449.95	444.95	N	RL
ST. ALBANS	K8MHR	448.15	443.15	*	BELP
WESTON	N8FIP	448.975	443.975	N	BR
WESTON	WC8K	449.60	444.60	N	C
WHEELING	N8EKT	449.975	444.975	N	

REPEATER INDEX LISTINGS BY FREQUENCY

10 METERS

9.60 /9.60	CTF	NEWPORT NEWS	VA
9.52 /9.62	WRE	POPLARVILLE	MS
	XE	WILKESBORO	NC
	ZJM	MEMPHIS	TN
	OTX	BECKLEY/BOLT	WV
9.54 /9.64	NEQ	ATL/MARIETTA	GA
	IDA	WILSON	NC
	NKM	GREENEVILLE	TN
	W	JACKSON	TN
	BZU	NASHVILLE	TN
	BON	ROANOKE/POOR MT	VA
	CQV#	CHARLESTON	WV
9.56 /9.66	BEC	BALD CREEK	NC
	GRW	NEWPORT	NC
	YGM	UNION CITY	TN
9.58 /9.68	MM	ALBANY	GA
	BZJ	DALTON	GA
	AZA	THOMASVILLE	NC
	IUY	WILSON	NC
	DRL	MEM/FISHERVILLE	TN
	E	ONEIDA PK/BLFLD	VA

6 METERS

2.55 /1.55	JEH	#CONYERS	GA
3.025/2.025	LBR	LOUISVILLE	KY
2.525/2.525	AZA	THOMASVILLE	NC
2.01 /3.01	IBB	ASHLAND	KY
	EKR	ELLISVILLE	MS
	GRW	NEWPORT	NC
	LRD	CHATTANOOGA	TN
	NKM	GREENEVILLE	TN
	KOG	MEMPHIS	TN
	ZR	LEXNGTN/ROCK MT	VA
2.03 /3.03	EDU	AUGUSTA	GA
	BEC	BALD CREEK	NC
	PEN	RALEIGH	NC
2.05 /3.05	UPC	PINE LOG MT	GA
	PXV	BOONE/RICH MTN	NC
	DKL	BOLT/BOLT MT	WV
2.07 /3.07	AEG	CARTERSVILLE	GA
	FWS	MOUNT AIRY	NC
	IUY	WILSON	NC
	MIC	GUM SPRINGS	VA
2.09 /3.09	NEQ	ATL/MARIETTA	GA
	PLA	MARS HILL	NC
	BON	ROANOKE/POOR MT	VA
2.11 /3.11	XTF	GASTONIA	NC
	GYN	OAK RIDGE	TN
	YKV	AMELIA COURTHSE	VA
2.13 /3.13	BZJ	DALTON	GA
	GJG	DANVILLE(DCC)	VA
2.15 /3.15	IOB	KNXVL/ENG MT	TN
	DBB	BEDFORD/THAX MT	VA
2.17 /3.17	RBT	CLEVELAND	GA
	AZA	THOMASVILLE	NC
2.19 /3.19	UCE	COOKEVILLE	TN
2.21 /3.21	QLX	SAURATOWN MT	NC
	WWB	GATE CITY	VA
2.23 /3.23	ZKL	GUTHRIE	KY
	JFN	HAW RIVER	NC
	ZKL	GUTHRIE (TN/KY)	TN
	LP	MORRISTOWN	TN
2.25 /3.25	JNN	ALPHARETTA	GA
	PEN	RALEIGH	NC
	YON	KNOXVILLE	TN
	DBB	ROANOKE	VA
2.27 /3.27	GYM	GILBERT	SC
	DRL	MEM/FISHERVILLE	TN
2.29 /3.29	PN	PINE LOG MT	GA
	ICX	FANCY GAP	VA
2.31 /3.31	PVU	ROAN MTN	TN
2.33 /3.33	CC	HIGHLAND HEIGHTS	KY
2.35 /3.35	UAG	KNOXVILLE	TN
2.41 /3.41	YXY	PICKENS	SC
2.43 /3.43	ZIZ	JULIETTE	GA
	FAX	RICHMOND	VA
2.45 /3.45	VWH	#HIGH HOUSE MTN	GA
	KWP	GALLATIN	TN
2.47 /3.47	UOX	DOUGLASVILLE	GA
2.55 /3.55	JEH	CONYERS	GA
	JGT	KNOXVILLE	TN
	RDK	MEMPHIS	TN
2.59 /3.59	YTU	ROCKY MOUNT	NC
2.63 /3.63	YST	CHARLESTON	WV
2.67 /3.67	WRS	STATESVILLE	NC
2.75 /3.75	PEI	MARMET/CHARLESTO	WV
2.81 /3.81	KNE	STANTON	KY
2.89 /3.89	Y	VALDOSTA	GA
0.07 /EA	CNM	MEMPHIS	TN

2 METERS

4.61 /2.525	ARK	NASHVILLE	TN
4.51 /5.11	TUN	AUGUSTA	GA
	MXC	COCHRAN	GA
	UOX	DOUGLASVILLE	GA
	UOX	DOUGLASVILLE	GA
	HYE	MENDENHALL	MS
	WA	PASCAGOULA	MS
	JTX	CHERRYVILLE	NC
	TOH	COLUMBIA	NC
	RXG	SAURATOWN MT	NC
	JMT	MYR BCH/CONWAY	SC
	Y	COOKEVILLE	TN
	SBX	GRAY	TN
	BOX	JACKSON	TN
	QB	KNOXVILLE	TN
	ARK	NASHVLE/FAIRVIEW	TN
	YPE	RICHMOND	VA
	MCR	SALT ROCK	WV
4.53 /5.13	SEX	NEWNAN	GA
	Y	VALDOSTA	GA
	RBL	LOUISVILLE AREA	KY
	VF	MOREHEAD	KY
	YNF	AHOSKIE	NC
	CS	GREENWOOD/HODGES	SC
	KIV	SUMTER	SC
	CMY	CHATTANOOGA	TN
	O	COLLIERVILLE	TN
	SSB	GALLATIN	TN
	OAK	LAFOLLETTE	TN
	KRM	#SHELBYVILLE	TN
	VL	GALAX/LKOUT MT	VA
	FHE	BUCKHANNON	WV
4.55 /5.15	MM	ALBANY	GA
	AQL	ATLANTA	GA
	LT	MILLEDGEVILLE	GA
	TLK	MONTICELLO	KY
	BI	PIKEVILLE	KY
	LFP	PICAYUNE	MS
	AAY	BUXTON	NC
	NHV	LUMBERTON	NC
	CVM	RANDLEMAN/GBO	NC
	OXE	INMAN	SC
	LWY	SUMMERTON	SC
	RJC	DECATUR-PONE KB	TN
	XS	FRANKLIN	TN
	JXI	MEMPHIS	TN
	ARO	GREENBAY	VA
	GK	MARMET	WV
4.57 /5.17	JBF	COOLIDGE	GA
	DIW	JONESBORO	GA
	PRH	HALLS GAP	KY
	BRN	HORN LAKE	MS
	CTJ	LELAND	NC
	ZQB	NEWTON/ANDSN MT	NC
	UO	OXFORD	NC
	TUN	AIKEN	SC
	O	BRUCETON	TN
	GBI	KNOXVILLE	TN
	BRN	MEMPHIS	TN
	LHO	MURFREESBORO	TN
	ZUA	NORFOLK	VA
	FRV	BECKLEY/BOLT	WV
4.59 /5.19	ULJ	PINE MT/HAMILTON	GA
	UVT	BOONEVILLE	MS
	CJR	HATTIESBURG	MS
	SQN	JACKSONVILLE	NC
	BVW	MT MITCHELL	NC
	OTT	CARTHAGE	TN
	XX	JASPER	TN
	FAX	RICHMOND	VA
	YJJ	RICHWOOD	WV
	JGY	WHEELING	WV
4.61 /5.21	DTA	EASTMAN	GA
	PSZ	FAYETTEVILLE	GA
	U	DEANE	KY
	PRH	LEXINGTON/GRGTWN	KY
	WRE	POPLARVILLE	MS
	OLC	HIGH PEAK MTN	NC
	TQD	TRENTON	NC
	NEP	GASTON	SC
	BBB	KNOXVILLE	TN
	ARK	NASHVILLE	TN
	MS	KILMARNOCK	VA
	QOJ	ROANOKE/POOR MT	VA
	RAG	WINCHESTER	VA
	FEQ	HUNTINGTON	WV
4.63 /5.23	JEH	CONYERS	GA
	UJ	DALTON	GA
	COL	WAYNESBORO	GA
	PRH	LOUISVILLE	KY
	VBH	BEULAVILLE	NC
	BFB	CHARLOTTE	NC
	RA	LAVERNE	TN
	KIE	MAYNARDVILLE	TN
	DBB	BEDFORD	VA
	MT	NEWPORT NEWS	VA
	FWL	BECKLEY/OAK HILL	WV
4.65 /5.25	YYD	CHATSWORTH	GA
	BLQ	CLAYTON	GA

ZGR GRAY ..... GA
GL SCOTTSVILLE ..... KY
SJE GREENSBORO ..... NC
USN CHARLESTON ..... SC
PA #UNION ..... SC
PHT DAYTON ..... TN
WXS ERWIN/PINNACLE ..... TN
MMI POCAHONTAS ..... TN
CZJ BEAVERDAM ..... VA
ODO SOUTH CHARLESTON ... WV

4.67 /5.27
ID SANDERSVILLE ..... GA
PN WALESKA/PNLGMT ..... GA
NBG WALLS ..... MS
DZJ WIGGINS ..... MS
KNI HENDSVL/BERWLW M ... NC
AR MIDWAY ..... NC
BQF RALEIGH ..... NC
GYM WEST COLUMBIA ..... SC
WZK HENDERSONVILLE ..... TN
CJX SEV/SHIELDS MT ..... TN
SKE MARION ..... VA
FMD CRAIGSVILLE ..... WV

4.69 /5.29
Q ATLANTA ..... GA
TDL AUGUSTA ..... GA
PL LAWRENCEBURG ..... KY
PRH STANTON ..... KY
L VICKSBURG ..... MS
BFB CHARLOTTE ..... NC
XC CLAYTON ..... NC
GGD GREENSBORO ..... NC
VCM CHATTANOOGA ..... TN
SQC JOHNSON CITY/HO ..... TN
FFM RIDGETOP ..... TN
NDH CHESAPEAKE ..... VA
YLX TROY ..... VA
ZXP GLENVILLE ..... WV

4.71 /5.31
CEK COLUMBUS ..... GA
JDR STOCKBRIDGE ..... GA
GOJ CHATAWA ..... MS
WPM BAKERSVILLE ..... NC
QAA GREENSBORO ..... NC
GY BEAUFORT ..... SC
PF ROCK HILL ..... SC
PNI ATHENS ..... TN
SC JACKSON ..... TN
ECD LAFAYETTE ..... TN
G BECKLEY/LAYLAND ..... WV

4.73 /5.33
OGE JONESBORO ..... GA
YUU LEXINGTON ..... KY
CYR GULFPORT ..... MS
J MT. AIRY ..... NC
YP PIKEVILLE ..... NC
DFP BAMBERG ..... SC
DBJ CUMBERLAND CITY ..... TN
TEM KNOXVILLE ..... TN
DRL MEM/FISHERVILLE ..... TN
QQI FARMVILLE ..... VA
F NORFOLK ..... VA
M WILLIAMSON ..... WV

4.75 /5.35
DOCATLANTA ..... GA
DOCATLANTA ..... GA
FGQ ROSSVILLE ..... GA
GLI ELIZABETHTOWN ..... KY
DAX MOUNTAIN ASH ..... KY
WMH OLIVE BRANCH ..... MS
AOS CHARLOTTE ..... NC
JPQ GREENVILLE ..... NC
Y HUMBOLDT ..... TN
JYD NOLENSVILLE ..... TN
AZJ BLAND ..... VA
SP FAIRMONT ..... WV

4.77 /5.37
UA AUGUSTA ..... GA
IZF JASPER ..... GA
BKM MACON ..... GA
NNX HATTIESBURG ..... MS
PYQ SOUTHAVEN ..... MS
AGN N. WILKESBORO ..... NC
MII OXFORD ..... NC
PPD SHALLOTTE ..... NC
GZE KNOXVILLE ..... TN
OG SMITHVILLE ..... TN
UKJ FOREST ..... VA
TOG GLOUCESTER ..... VA
VS BECKLEY/EOC ..... WV
VNQ PARSONS ..... WV

4.79 /5.39
HYG GRIFFIN ..... GA
KDZ FRANKFORT ..... KY
RPB CORINTH ..... MS
DG MONROE/UCARS ..... NC
OX ROSEBORO ..... NC
NXU CANADYS ..... SC
AM CHATTANOOGA ..... TN
EPC GREENEVILLE ..... TN
DOR LEBANON ..... TN
ARO ROANOKE/POOR MTN VA
EOM WESTON ..... WV

4.81 /5.41
PME ATLANTA/BELL ..... GA
I AUGUSTA ..... GA
PXX BRNSWK/JEKYLL IS ..... GA
NON COVINGTON ..... KY
DC GLASGOW ..... KY
IF D'IBERVILLE ..... MS
XO HIGH POINT ..... NC
KNU WILLIAMSTON ..... NC
VIH DOVER ..... TN
NKM GREENEVILLE ..... TN
ZMS APL ORCH MTN ..... VA

QIJ WILLIAMSBURG ..... VA
FHE BUCKHANNON ..... WV
HYX LIBERTY ..... WV

4.83 /5.43
IEM JESUP ..... GA
OLL MACON ..... GA
LCI MARIETTA ..... GA
LVU COLUMBUS ..... MS
ITL SPARTA/GREEN MT ..... NC
GYM GILBERT ..... SC
YTU BROWNSVILLE ..... TN
UCE COOKEVILLE ..... TN
IUA KNOXVILLE ..... TN
SQT RICHMOND ..... VA
L CHARLESTON ..... WV
LG MORGANTOWN ..... WV

4.85 /5.45
BOC DECATUR ..... GA
TX LEXINGTON ..... KY
RMZ SHARON ..... MS
PLY CROWDERS MT/GAST ... NC
WTX DURHAM ..... NC
GRW NEWPORT ..... NC
SIR BENTON ..... TN
KOG COVINGTON ..... TN
KO HOHENWALD ..... TN
LP MORRISTOWN ..... TN
E SPRING HILL ..... TN
HQ SALUDA ..... VA
LGY GRANTSVILLE ..... WV
SXZ WELCH ..... WV

4.87 /5.47
UM RICEBORO/MIDWAY ... GA
CLA SWEAT MT/MARIETT ..... GA
GGH BARDSTOWN ..... KY
WMM MAYSVILLE ..... KY
OIX KINSTON ..... NC
NC SAURATOWN MT ..... NC
RG GAFFNEY ..... SC
DDK MYRTLE BEACH ..... SC
GBI KNOXVILLE ..... TN
OMO MOUNTAIN CITY ..... TN
ARK NASHVILLE ..... TN
ZCM CLARKSVILLE ..... VA
FG RICHWOOD ..... WV

4.89 /5.49
DV AUGUSTA ..... GA
WUJ #CORDELE ..... GA
QPL MARIETTA ..... GA
KVK HENDERSON ..... KY
CWF NICHOLASVILLE ..... KY
VGK FULTON ..... MS
K FRANKLIN ..... NC
DZ GIBSONVILLE ..... NC
BWC RALEIGH ..... NC
ABW RKY RDG/WALLACE ... SC
LHO MCMINVL/SHT MT ..... TN
KOG MEMPHIS ..... TN
MOP BLUEFIELD ..... VA
OHX NEWPORT NEWS ..... VA
MOP BLUEFIELD ..... WV
G PARKERSBURG ..... WV

6.01 /6.61
CVY COLUMBUS ..... GA
JEH CONYERS ..... GA
KWV CORBIN ..... KY
RQL LAUREL ..... MS
SNI GREENSBORO ..... NC
JMS NEW BERN ..... NC
WIF ELLOREE ..... SC
NYK GRNVLE/CSRS HD ..... SC
CMY CHATTANOOGA ..... TN
PCD NASHVILLE ..... TN
LSP ABINGDN/BRMLY MT ... VA
GSP CHESAPEAKE ..... VA
WWQ LYNCHBURG ..... VA
MZI GASSAWAY ..... WV

6.025/6.625
UPE ATL/UNION CITY ..... GA
UJT ELBERTON ..... GA
ZZ VIDALIA ..... GA
ULW WEBSTER ..... KY
WO PORT GIBSON ..... MS
RR LAURINBURG ..... NC
IP CHESTER ..... SC
GBI KNOXVILLE ..... TN
ABU MARTIN ..... TN
G FLAT TOP/WINTRPL ..... WV

6.04 /6.64
QGR ATLANTA ..... GA
MWQ AUGUSTA ..... GA
FWD CARROLLTON ..... GA
CEX WAYCROSS ..... GA
UXJ CAMPBELLSVILLE ..... KY
NIL MADISON ..... MS
NAY MOOREVILLE ..... MS
YAO HENDERSONVILLE ..... NC
DW RALEIGH ..... NC
NC WINSTON-SALEM ..... NC
CIH SUMTER ..... SC
KQG #MEMPHIS ..... TN
NTM NASHVILLE W ..... TN
QYI #ROCKWOOD/MT ROOTN
WIC FINCASTLE ..... VA
QLF MARION ..... VA
QEY RICHMOND ..... VA
EZR HUNTINGTON/CHAS ... WV

6.055/6.655
NFP ATLANTA/MARIETTA ... GA
MNI BOWLING GREEN ..... KY
DZC DANVILLE ..... KY
CEB CONCORD/KANNAP. .NC
VTX ELIZABETH CITY ..... NC
RRC BEAUFORT ..... SC
RYR ALCOA ..... TN

OKV BROWNSVILLE ..... TN
AM CHATT/SIGNAL MT ..... TN
ME COLLINWOOD TN ..... TN
ISI ALTAVISTA ..... VA
TC CLARKSBURG ..... WV
BUC UPPER TRACT ..... WV

6.06 /6.66
BKM MACON ..... GA

6.07 /6.67
NSO GAINESVILLE ..... GA
EQL JESUP ..... GA
VHF HAZARD ..... KY
KBL PRINCETON ..... KY
LRQ HATTIESBURG ..... MS
CAX NEW ALBANY ..... MS
FHB BURLINGTON ..... NC
BKU CHERRY MT ..... NC
RPC YAUPON BEACH ..... NC
U ST. MATTHEWS ..... SC
DKI BRISTOL ..... TN
BGW LAFOLLETTE/WMT ..... TN
NTM NASHVILLE W ..... TN
HZS DUBLIN ..... VA
NTG WILLIAMSBURG ..... VA
JNU RAVENSWOOD ..... WV

6.085/6.685
IWL ADAIRSVILLE ..... GA
UWN FAYETTEVILLE ..... GA
ZY LEXINGTON ..... KY
KHB NATCHEZ ..... MS
NBR GRIFTON ..... NC
EHL STATESVILLE ..... NC
CO NEWBERRY ..... SC
PIO WALLAND ..... TN
FMD CLARKSBURG ..... WV
CM UNION ..... WV

6.090/6.690
KQ #OWENSBORO ..... KY

6.10 /6.70
MM ALBANY ..... GA
OOM JASPER ..... GA
DOJ MILLEDGEVILLE ..... GA
TO SAVANNAH ..... GA
JO GRAYSON ..... KY
BDC LOUISVILLE ..... KY
YGM UNION CITY (TN) ..... KY
GY BAY ST. LOUIS ..... MS
LVA GRENADA ..... MS
DEJ MERIDIAN ..... MS
CID DUNN ..... NC
PAX LANCASTER ..... SC
KUD ANDERSON CTY ..... TN
UOT MANCHESTER ..... TN
MMI RAMER ..... TN
YGM UNION CITY ..... TN
AU DANVILLE/WHT OAK ... VA
D NORFOLK ..... VA
LQC PENNINGTON GAP ..... VA
XD STAUNTON ..... VA
JNU RAVENSWOOD ..... WV

6.115/6.715
NVG LAVONIA ..... GA
ABZ RINGGOLD ..... GA
B BEREA ..... KY
TQY GREENWOOD ..... MS
GGN MILLERS CREEK ..... NC
KDC SPRING LAKE ..... NC
NEP COLUMBIA ..... SC
JUB SALTILLO ..... TN
I BLACKSBURG ..... VA
DZU WALKERTON ..... VA
GL SHERRARD ..... WV

6.13 /6.73
MM ALBANY ..... GA
NC ATLANTA/SWEAT MT ... GA
TVE BRUNSWICK ..... GA
STY #DAWSON SPRINGS ... KY
AO LEXINGTON ..... KY
IF BILOXI ..... MS
VZF STARKVILLE ..... MS
BWC RALEIGH ..... NC
EXU SALISBURY ..... NC
VNK WILMINGTON ..... NC
FKJ N. AUGUSTA ..... SC
BJY SIMPSONVILLE ..... SC
IOB KNXVL/ENG MT ..... TN
DON MEMPHIS ..... TN
EHL WATERTOWN ..... TN
DHO HAMPTON ..... VA
SPW LEWISBURG ..... WV

6.145/6.745
BKF ATHENS ..... GA
TTC GREENVILLE ..... KY
N DILLON/PEE DEE ..... SC
RCK DYERSBURG ..... TN
UP OLIVER SPRINGS ..... TN
DY ROANOKE/POOR MT ... VA
U PARKERSBURG (OH) ..... WV

6.16 /6.76
BOC STONE MT ..... GA
ELN VALDOSTA ..... GA
NSY #FERN CREEK ..... KY
KJQ LEXINGTON ..... KY
CUW PADUCAH ..... KY
AXQ JACKSON ..... MS
BVW ASHVL/MT PISGAH ..... NC
GGD GREENSBORO ..... NC
S SWANSBORO ..... NC
THL WILSON ..... NC
ESG AWENDAW ..... SC
LSP BRISTOL/HLSTN MT ..... TN
PQP NASHVILLE ..... TN
TFZ CHARLOTTESVILLE ..... VA
ZIN WILLIAMSBURG ..... VA
VA HUNTINGTON ..... WV
CUL MORGANTOWN ..... WV

ZQ WHEELING ..... WV

6.175/6.775
NFP MARIETTA ..... GA
NA WRENS ..... GA
PPM MIDDLESBORO ..... KY
TKI VANCEBURG ..... KY
JYH SOUTHPORT ..... NC
GYM COLUMBIA ..... SC
O FRUITLAND ..... TN
OYG PULASKI/MUSIC MT ..... TN
T WYTHEVILLE ..... VA
BWZ ELKINS ..... WV

6.19 /6.79
DMK FOLKSTON ..... GA
KOW MOULTRIE ..... GA
SEX NEWNAN ..... GA
VYX SWAINSBORO ..... GA
YWH HIGHLAND HEIGHTS .... KY
U PAINTSVILLE ..... KY
TYP BILOXI ..... MS
S WEST POINT ..... MS
LZD CLINTON ..... NC
AT SAURATOWN MT ..... NC
FVV ANDERSON/SAS MT ..... SC
USN CHARLESTON ..... SC
AM CHATTANOOGA ..... TN
ABR JOHNSON CITY ..... TN
SQE NASHVILLE ..... TN
SD CHESAPEAKE ..... VA
OQC OAK HILL ..... WV

6.205/6.805
IEZ JULIETTE ..... GA
NNE GUTHRIE ..... KY
PRH HAZARD ..... KY
C STARKVILLE ..... MS
EWG FAYETTEVILLE ..... NC
IZF GASTONIA ..... NC
O ORANGEBURG ..... SC
NNE GUTHRIE (TN/KY) ..... TN
HTI COVINGTON ..... VA

7.405/6.805
AQS CALHOUN/JASPER ..... GA
BVW CANTON ..... NC

6.22 /6.82
MM ALBANY ..... GA
DOCATLANTA ..... GA
HVK KIBBEE ..... GA
N DRAKESBORO ..... KY
AIA IRVINE ..... KY
MBA GREENVILLE ..... MS
HYE MAGEE ..... MS
PZA ROARING GAP ..... NC
GMP WILMINGTON ..... NC
NYK GRNVLE/PARIS MT ..... SC
OAH LAKE CITY ..... TN
BS MEMPHIS ..... TN
SFF WINCHESTER ..... TN
WWB GATE CITY ..... VA
RKC WINCHESTER ..... VA
IFS CHARLESTON ..... WV

6.235/6.835
GSS THOMSON ..... GA
BLZ LYNN GROVE ..... KY
ZOX SALVISA ..... KY
PLA ASHEVILLE ..... NC
UOR NAGS HEAD/BODIE ..... NC
USH WADESBORO ..... NC
UDD CHARLESTON ..... SC
EH GRUNDY/BIG A MT ..... VA
UTN RUSTBURG/LONG MT ... VA
EUN GLENVILLE ..... WV

7.435/6.835
KHQ DAHLONEGA ..... GA
NNR HIGH POINT ..... NC

6.25 /6.85
DVJ DALLAS ..... GA
QWI WARNER ROBINS ..... GA
CLL BOWLING GREEN ..... KY
IV PIKEVILLE ..... KY
VNO BAY ST. LOUIS ..... MS
JMD BUDE ..... MS
BWW CLEVELAND ..... MS
MFK IUKA ..... MS
LWC KOSCIUSKO ..... MS
CYP GOLDSBORO ..... NC
MDW HICKORY/BRT. MT ..... NC
YEC REIDSVILLE ..... NC
ULH FLORENCE ..... SC
KJH GTLBG/COVE MTN ..... TN
KOG MEMPHIS ..... TN
AY NASHVILLE ..... TN
POX PORTSMOUTH ..... VA
ZBP STAUNTON ..... VA
WDK BECKLEY/FLAT TOP ..... WV
L BUCKHANNON ..... WV

6.265/6.865
DKY MADISON ..... GA
UW RICHMOND ..... KY
YF LAURENS ..... SC
AA CROSSVILLE ..... TN
G FAYETTEVILLE ..... TN
KP TRENTON ..... TN
MAI WISE ..... VA

7.465/6.865
DWU ELLISVILLE ..... MS
FOY MURPHY/STALCUP ..... NC
ZRS WAXHAW ..... NC
E MOUNTAIN LAKE ..... VA

6.28 /6.88
CVY COLUMBUS ..... GA
IUD MARIETTA ..... GA
NKL QUITMAN ..... GA
HBB SAVANNAH ..... GA
OAU LOUISVILLE ..... KY
AI SOMERSET ..... KY
QNE JACKSON ..... MS
AAY PASCAGOULA ..... MS
TQD RALEIGH ..... NC

NYR SHELBY ..... NC
FOH ORANGEBURG ..... SC
CYZ BRISTOL ..... TN
ETE MEMPHIS ..... TN
PCD NASHVILLE ..... TN
SKH OAK RIDGE ..... TN
CYZ BRISTOL ..... VA
ZBE RICHMOND ..... VA
PDL SALEM ..... VA
CQVSO. CHARLESTON ..... WV
6.295/6.895 RBS HARTWELL ..... GA
SM MACON ..... GA
JBV FLORENCE ..... KY
YFF MADISON ..... NC
ABW PAGELAND/HIPOINT ...SC
RAG CHARLOTTESVILLE ..... VA
KXV VIRGINIA BEACH ..... VA
T WYTHEVILLE/BLAND ..... VA
FGM CENTERVILLE ..... WV
7.495/6.895 LUQ DALLAS ..... GA
KZT DORTON ..... KY
6.30 /6.90 WVH IRVINGTON ..... KY
6.31 /6.91 HIG CLEVELAND/LONG ..... GA
HYB GRIFFIN ..... GA
GFY MOREHEAD ..... KY
VV HERNANDO ..... MS
OCM NATCHEZ ..... MS
ZGQ AHOSKIE ..... NC
MOEASHVL/SPIVEY MT ..... NC
YZF FAYVLLE/CFARS ..... NC
IZM LEXINGTON ..... NC
BWZ WHITE HALL ..... SC
GZX CLEVELAND ..... TN
DQU SAVANNAH ..... TN
YXA SHORT MTN. ..... TN
RXM #FARMVILLE ..... VA
TUE MT.LAKE/BALD KNB ..... VA
SAQ MCMECHEN ..... WV
6.325/6.925 ASI COVINGTON ..... GA
PJR JESUP ..... GA
BEJ RADCLIFF ..... KY
VOJ CORINTH ..... MS
OBW SULPHUR SPRINGS ..... TN
TFZ CHARLOTTESVILLE ..... VA
GJG DANVILLE(DCC) ..... VA
OGY PRINCETON/PIPEST ..... WV
6.34 /6.94 N AUGUSTA ..... GA
VO ROME/MT. ALTO ..... GA
RVB WRIGHTSVILLE ..... GA
OIL ASHLAND ..... KY
WZH GLASGOW ..... KY
NTB MURRAY ..... KY
DWX AMORY ..... MS
SBK JACKSON ..... MS
JMD MCCOMB ..... MS
DLH BURGAW ..... NC
BFB CHARLOTTE ..... NC
BFT DURHAM ..... NC
VM MANTEO/WANCHESE ..NC
NZ MT AIRY ..... NC
PBC CHARLESTON ..... SC
IQQ GREENVILLE ..... SC
GBI KNOXVILLE ..... TN
BSM MEMPHIS ..... TN
PCD NASHVILLE ..... TN
UMI HAMPTON ..... VA
ZA RICHMOND ..... VA
AP ROANOKE ..... VA
AB FENWICK ..... WV
CWO WEIRTON ..... WV
6.355/6.955 KIN PERRY ..... GA
PRE ROCKY TOP MT. ..... GA
EKR ELLISVILLE ..... MS
OB ISOLA ..... MS
AVP ROCKINGHAM ..... NC
E ONEIDA PEAK/BLF ..... VA
6.37 /6.97 CLJ ATLANTA ..... GA
HBB SAVANNAH ..... GA
DPP HENDERSON ..... KY
TUK STANTON ..... KY
ZH PASCAGOULA ..... MS
DHS WINONA ..... MS
XRY MT AIRY ..... NC
JQ SMITHFIELD ..... NC
SZ ANDERSON ..... SC
ISM FLORENCE ..... SC
TRC KNGSPT/BAYS MT. ..... TN
MWQ MCMINNVILLE ..... TN
RWK MEDINA ..... TN
SKH OAK RIDGE ..... TN
WRN STAUNTON ..... VA
KXV VIRGINIA BEACH ..... VA
E LOGAN/WARD RK MT. WV
CRW PARKERSBURG (OH) ..... WV
6.38 /6.98 BEJ ELIZABETHTOWN ..... KY
6.385/6.985 I AUGUSTA ..... GA
ZGN ELLIJAY/TALONA M ..... GA
UUB ST. MARYS ..... GA
FE WARM SPRINGS ..... GA
LRQ COLLINS ..... MS
DMT SENATOBIA ..... MS
OGB ALBEMARLE ..... NC
PVE MARION ..... NC
PRD GOODLETTSVILLE ..... TN
CA ROANOKE/POOR MT ..VA
LL NEW MARTINSVILE ..... WV
6.40 /7.00 NNO ATLANTA ..... GA

OGX ROCHELLE ..... GA
UFH CORINTH ..... MS
QFX WATER VALLEY ..... MS
FVO JACKSONVILLE ..... NC
AZA THOMASVILLE ..... NC
YLT MARION ..... SC
YXZ PICKENS ..... SC
AZQ KNOXVILLE ..... TN
ZJM MEMPHIS ..... TN
HMT SUFFOLK ..... VA
WMX ST ALBANS ..... WV
7.60 /7.00 LR SHELBYVILLE ..... KY
NRR #VIRGIE ..... KY
M WILLIAMSBURG ..... KY
NKZ COLUMBUS ..... MS
KMG BLOUNTVILLE ..... TN
SGA CLARKSVILLE ..... TN
QS COLLEGEDALE ..... TN
TWU ELIZABETH ..... WV
ZR TERRA ALTA ..... WV
6.415/7.015 GIS CARTERSVILLE ..... GA
YSB YADKINVILLE ..... NC
M LYNCHBURG ..... VA
AXO NORTON/HIGH KNOB .VA
7.615/7.015 DT BONAIRE ..... GA
UM HINESVILLE ..... GA
JHK MONTICELLO ..... MS
KPF LK NORMN/CLT ..... NC
YP SELMA ..... NC
E #SUMTER ..... SC
JVV LEBANON ..... TN
ZQ NASHVILLE ..... TN
KS ROCKWOOD/MT ROOSTN
YGM UNION CITY ..... TN
6.43 /7.03 D LAUREL ..... MS
YTZ ROCK HILL ..... SC
DRL GRANDJUNCTION ..... TN
MVR LEXINGTON ..... TN
JST RICHMOND ..... VA
7.63 /7.03 REI ATLANTA/AIRPORT ..... GA
ZVL HOPKINSVILLE ..... KY
PJZ LOUISVILLE ..... KY
LDD OCEAN SPRINGS ..... MS
GG GREENSBORO ..... NC
3 ROANOKE RAPIDS ..... NC
FOF BARNWELL ..... SC
HOG N. MYRTLE BEACH..... SC
NIQ FAYETTEVILLE ..... TN
DRL GRAND JUNCTION ..... TN
LP MORRISTOWN ..... TN
IT MULLENS/HRNDN MT...WV
ECC ST MARYS/BENS R ..... WV
7.64 /7.04 RNF WINFIELD (AL) ..... MS
6.445/7.045 AIH ANDREWS/ROBBINSV ..NC
FLR FAYETTEVILLE ..... NC
7.645/7.045 SES DOUGLAS ..... GA
TYM METTER ..... GA
AOZ WATKINSVILLE ..... GA
VF GRETHEL ..... KY
LCL POLKVILLE ..... MS
BEC BALD CREEK ..... NC
EHL STATSVL/ASBRY MT ..... NC
HKZ COOKEVILLE ..... TN
AYN NASHVILLE ..... TN
FOZ STAUNTON/EL. KB ..... VA
SBC VIRGINIA BEACH ..... VA
6.46 /7.06 CQ CHARLOTTE ..... NC
LDU CHARLESTON ..... TN
LBM SOUTH BOSTON ..... VA
PNC PRINCETON ..... WV
7.66 /7.06 DDI MACON ..... GA
CLA ROSWELL ..... GA
UCJ THOMASVILLE ..... GA
WQ PADUCAH ..... KY
OCF RICHTON ..... MS
LED MACO ..... NC
VFR SUMTER/SHAW ..... SC
UG GRNVLE/VIKING MT ....TN
MQQ MEMPHIS ..... TN
QEB #SHELBYVILLE ..... TN
VWR ENON ..... VA
ZAR BUCKHANNON ..... WV
7.67 /7.07 NMC LOUISVILLE ..... KY
7.675/7.075 JXR LAWRENCEVILLE ..... GA
CJB PEMBROKE ..... GA
TLP OWINGSVILLE ..... KY
Y JACKSON ..... MS
JFN BURLINGTON ..... NC
L NEWTON ..... NC
E GREENBRIER ..... TN
GBI KNOXVILLE ..... TN
O MCNAIRY ..... TN
HBU NORFOLK ..... VA
PNT WAYNESBORO ..... VA
QC MORGANTOWN ..... WV
7.69 /7.09 GNA CHEAHA MTN (AL) ..... GA
YHM EATONTON ..... GA
CVE ST SIMONS ISL ..... GA
YK PHELPS ..... KY
DSN AMORY ..... MS
MRS NEW HEBRON ..... MS
GDF GREENVL/ESTN NC ..... NC
RP ORANGEBURG ..... SC
JLA SPARTANBURG ..... SC
ATI GERMANTOWN ..... TN
NLP JAMESTOWN ..... TN
VL GALAX/BRIRP MT. ..... VA

TZE OILVILLE ..... VA
7.705/7.105 YSB ATLANTA ..... GA
D STATESBORO ..... GA
KFD CALVERT CITY ..... KY
ZAC HARLAN ..... KY
WK WAYNESBORO ..... MS
WET BOONE/DYER HILL ..... NC
OX BROADWAY ..... NC
JCK MONROE ..... NC
GHH MOUNTAIN HOME ..... NC
NEB CLEVELAND ..... TN
TC HENDERSON ..... TN
IDG LEBANON ..... TN
JBJ BEDFORD ..... VA
SR CHESAPEAKE ..... VA
Z SPENCER ..... WV
6.09 /7.11 ZLR #LOGAN ..... WV
7.72 /7.12 MM ALBANY ..... GA
S AUGUSTA ..... GA
CMA CEDARTOWN ..... GA
HCA CLARKESVILLE ..... GA
ASZ WINCHESTER ..... KY
N ACKERMAN ..... MS
REW GAST/SPCR MT. ..... NC
Z ROCKY MOUNT ..... NC
JMT MYRTLE BEACH ..... SC
ZYX COLUMBIA ..... TN
WAH MEMPHIS ..... TN
EAJ OAK RIDGE ..... TN
DE COLLINSVILLE ..... VA
DKM BRIDGEPORT ..... WV
7.735/7.135 BZJ DALTON ..... GA
FRM MILLEDGEVILLE ..... GA
Y VALDOSTA ..... GA
LRQ PETAL ..... MS
GBH BREVARD ..... NC
GN WILMINGTON ..... NC
ABW CHERAW ..... SC
EDS ALAMO ..... TN
AZJ PEARISBURG ..... VA
HB RICHMOND ..... VA
MR DAVIS ..... WV
7.75 /7.15 TFW ALBANY ..... GA
BYK CUMMING/SAWNEE ..... GA
YXO #GREENSBURG ..... KY
JACNITO ..... MS
IZ PEARL/RANKIN CO ..... MS
VLY MORGANTON ..... NC
TQD RALEIGH ..... NC
BJM MONCKS CORNER ..... SC
SDT SIMPSONVILLE ..... SC
PCD NASHVILLE ..... TN
EAJ OAK RIDGE ..... TN
QJZ JEWELL RIDGE ..... VA
SVR ST ALBANS ..... WV
7.765/7.165 SES DOUGLAS ..... GA
KIN FORSYTH ..... GA
HBM LEXINGTON ..... KY
UBY PRESTONSBURG ..... KY
MFP HIGH POINT ..... NC
PBK LUMBERTON ..... NC
VIA GREENWOOD ..... SC
QF ERWIN/UNICOI CO ..... TN
CEX PURYEAR ..... TN
CXD FOREST ..... VA
CTF NEWPORT NEWS ..... VA
K WESTON ..... WV
7.78 /7.18 BMA AUGUSTA ..... GA
NHW BALDWIN ..... GA
BDP WARNER ROBINS ..... GA
H BAXTER ..... KY
CN LOUISVILLE ..... KY
OOC ASHEVILLE/FLATTP ..... NC
EJJ SANFORD ..... NC
CTJ WILMINGTON ..... NC
SC FORT MILL ..... SC
HNK SUMMERVILLE ..... SC
DES CLEVELAND ..... TN
KOG MEMPHIS ..... TN
ZGA NASHVILLE ..... TN
YKV AMELIA COURTHSE ..... VA
S #PKS KB/PULASKI ..... VA
OHX LEON ..... WV
7.795/7.195 JPD ATLANTA ..... GA
UCJ BOSTON ..... GA
VF LEXINGTON ..... KY
FYW SUMRALL ..... MS
OX CASTORIA ..... NC
NIN LENOIR ..... NC
PNZ FLORENCE ..... SC
AZQ KNOXVILLE ..... TN
RTS LYNCHBURG ..... VA
ELM SMITHFIELD ..... VA
H HORSEPEN MT ..... WV
7.81 /7.21 EMM CONYERS ..... GA
TO SAVANNAH ..... GA
HY OWENSBORO ..... KY
SPJ UNION ..... MS
BUZ GREENSBORO ..... NC
NTQ WHITEVILLE ..... NC
AVU LITTLE MT. ..... SC
WS COOKEVILLE ..... TN
WKZ JACKSON ..... TN
NJH AMBER RIDGE ..... WV
FMD CLARKSBURG ..... WV
7.825/7.225 ZUN COMMERCE ..... GA
LVY SUMMERVILLE ..... GA

NFK LITCHFIELD ..... KY
OXA D'IBERVILLE ..... MS
DRL WARSAW ..... MS
WTX HILLSBOROUGH ..... NC
OOC MORG WALKER TOP ...NC
DTW SANTEE ..... SC
OAH MORRISTOWN ..... TN
VXR HAMPTON ..... VA
RAG HARRISONBURG ..... VA
NRK PRINCETON ..... WV
7.84 /7.24 NFG IRWINTON ..... GA
DII ASHLAND ..... KY
BHM FARMINGTON ..... KY
AI FRANKFORT ..... KY
R TUPELO ..... MS
SE CARTHAGE ..... NC
PBG FOREST CITY ..... NC
GHZ FRANKLIN ..... NC
ILN HILTON HEAD ..... SC
VT LANCASTER ..... SC
BKY GALLATIN ..... TN
KZL ELK CRK/IRON MTN ..... VA
OG LUNENBURG CT.HSE ..... VA
7.855/7.255 KDT ATLANTA ..... GA
IOX DIXON ..... KY
CO HIGHLAND HEIGHTS ....KY
RC LAUREL ..... MS
AV ASHEBORO ..... NC
KNI HENDSVL/PENIC/MT ..... NC
BZU NASHVILLE ..... TN
SI PETROS/FRZ HD MT ..... TN
TVS ACCOMAC ..... VA
CYZ DANTE ..... VA
EQC HINTON ..... WV
LLM PARKERSBURG ..... WV
7.87 /7.27 EBB AMERICUS ..... GA
KMS COVINGTON ..... GA
KWT LOUISVILLE ..... KY
GSB ST. CHARLES ..... KY
USN ABERDEEN ..... MS
H RALEIGH BENSON ..... NC
SM WAYNESVILLE ..... NC
LET CHARLESTON ..... SC
JRJ SENECA/LONG MT ..... SC
YQC GALLATIN ..... TN
FH JOHNSON CITY ..... TN
TMC PINSON ..... TN
IKL GUM SPRING ..... VA
QWO ROANOKE/POOR MTNVA
S SCOTT DEPOT ..... WV
7.885/7.285 LYV #ASHBURN/TIFTON ..... GA
VBX ATLANTA/GPCO ..... GA
ZFH LONDON ..... KY
FGA MARION ..... KY
SPF COLUMBIA ..... MS
CTS CORINTH ..... MS
ADMAIKEN ..... SC
AM MYB BCH/BRKSVIL ..... SC
MGM WHITE OAK MTN ..... SC
PUX PIKEVILLE ..... TN
QWD MARTINSVILLE ..... VA
HONS PRUCE KNOB ..... WV
7.90 /7.30 YSV ROME ..... GA
MU WARNER ROBINS ..... GA
ICN ALLEN ..... KY
SJH SPRINGFIELD ..... KY
LNY MAGEE ..... MS
YJG JEFFERSON ..... NC
JEX KANNAPOLIS ..... NC
MZP RED SPRINGS ..... NC
YGX TUCKASEGEE ..... NC
ESG AWENDAW ..... SC
BBB KNOXVILLE ..... TN
ADT MEMPHIS ..... TN
ZSA NASHVILLE ..... TN
SPS FRANKLIN ..... VA
ZR LEXINGTON ..... VA
NSL HARRISVL/PENSBRO ..... WV
7.915/7.315 REB TWIN CITY ..... GA
TX #HODGENVILLE ..... KY
IL SALEM ..... KY
JYH SAURATOWN MT. ..... NC
PPD SHALLOTTE ..... NC
UZT N. SPARTANBURG ..... SC
ARK MURFREESBORO ..... TN
HZN ROGERSVILLE ..... TN
HWQ GRUNDY ..... VA
7.93 /7.33 BXO LAGRANGE ..... GA
TO SAVANNAH ..... GA
DIP TOCCOA ..... GA
KWH ASHLAND ..... KY
KNE MT. STERLING ..... KY
IUI PROVIDENCE ..... KY
CYR MCHENRY ..... MS
EPP PHILADELPHIA ..... MS
LPL FAYVLLE/FT BRAGG ..... NC
K LENOIR/HIBRITN ..... NC
NUY COLUMBIA ..... SC
VXW COVINGTON ..... TN
ORB MORGAN COUNTY ..... TN
ZR LEXNGTN/ROCK MT. ..... VA
ZIP WARSAW ..... VA
7.945/7.345 NEQ ATLANTA/MARIETTA ..... GA
PJR JESUP/SCREVEN ..... GA
IZD LYNCH/BLACK MT ..... KY
JC CLINTON ..... MS
NYR SHELBY ..... NC

TEP WASHINGTON .....NC
UVH HENDERSONVILLE .....TN
L ABINGDON .....VA
UTN GLADYS .....VA
ZBF YORKTOWN .....VA
RUA FRANKLIN .....WV
K LOGAN/SUMERCO .....WV
7.96 /7.36 CLC DOUGLASVILLE .....GA
HZX DUBLIN .....GA
Z LOUISVILLE .....KY
CJR HATTIESBURG .....MS
PKU LOUISVILLE .....MS
SVC NATCHEZ .....MS
KDB BOONE/RICH MTN.....NC
LDB DURHAM .....NC
PET LUMBERTON .....NC
EOY COLUMBIA .....SC
OAK LAFOLLETTE .....TN
BS MEMPHIS .....TN
NTM NASHVILLE .....TN
KLX PARIS .....TN
CBB CHESTERFIELD .....VA
OLM STUARTS DRAFT .....VA
7.975/7.375 TQU ATHENS/CRAWFORD ...GA
VAK LAFAYETTE .....GA
CO WALTON .....KY
VFU GULFPORT .....MS
YN BURNSVILLE .....NC
ROK GREENVILLE .....NC
DCD TABOR CITY .....NC
DMI GEORGETOWN .....SC
LEO GREENVILLE .....SC
HL #DICKSON .....TN
ILD LYNCHBURG .....VA
NV VIRGINIA BEACH .....VA
LNB GRAFTON .....WV
WMX ST ALBANS .....WV
7.98 /7.38 NAY PONTOTOC .....MS
7.99 /7.39 IMK THOMASTON .....GA
NONCOVINGTON.....KY
ACR CRESTWOOD .....KY
PDJ #WHTSBRG/PINE MT ...KY
UNA PRENTISS .....MS
CHZ AQUADALE .....NC
PLY CHARLOTTE .....NC
IUY CLAYTON .....NC
QBG EDEN/STONEVILLE .....NC
FAU SHALLOTTE .....NC
FEC LEXINGTON .....SC
TA CLARKSVILLE .....TN
VEU DAYTON/RHEA CTY.....TN
BJY OAKFIELD .....TN
ARO PETERSBURG .....VA
D LEWISBURG .....WV
CRW PARKERSBURG .....WV
6.19 /7.51 HBY MEMPHIS .....TN
7.075/7.675 NGQ FRANKFORT .....KY
7.315/7.915 STJ #FORSYTH .....GA
6.46 /1.00 EHJ BARBOURSVILLE .....WV
6.235/ IDG WATERTOWN .....TN

220 MHZ

2.14 /3.74 BD LEXINGTON .....KY
2.18 /3.78 OHX #LEON .....WV
2.30 /3.90 RAB HERMITAGE .....TN
2.32 /3.92 UXD AUGUSTA .....KY
2.34 /3.94 QK ASHLAND .....KY
GP CLARKSVILLE .....TN
ZJM MEMPHIS .....TN
2.38 /3.98 ZSA GALLATIN .....TN
2.42 /4.02 JEH #CONYERS .....GA
2.46 /4.06 NYR SHELBY .....NC
2.48 /4.08 NTM NASHVILLE .....TN
2.50 /4.10 F BALDWIN .....GA
DBB ROANOKE .....VA
2.52 /4.12 NFP ATLANTA/MARIETTA ....GA
BEC BALD CREEK .....NC
GYM WEST COLUMBIA.....SC
G FLAT TOP/WINTRPL .....WV
2.54 /4.14 WOR GREENSBORO .....NC
QHF PICKENS/CSRS HD.....SC
SGS FRANKLIN .....TN
YQC CHARLOTTESVILLE.....VA
M WILLIAMSON .....WV
2.56 /4.16 JNN BISKEY MTN.....GA
IFL CHEAHA MTN, AL .....GA
K LENOIR/HIBRITN .....NC
S NASHVILLE .....TN
2.58 /4.18 GLC BRUNSWICK .....GA
YDX DALLAS .....GA
NRL CHARLESTON .....SC
ZMS BEDFORD/APL ORCH...VA
2.60 /4.20 OVY ATLANTA-NE .....GA
UA AUGUSTA .....GA
GN WILMINGTON .....NC
ILY GREENVILLE .....SC
KMG BLOUNTVILLE .....TN
YTU BROWNSVILLE .....TN
PEA HAMPDEN-SYDNEY .....VA
2.62 /4.22 CR VERSAILLES .....KY
C ROCKY MOUNT .....NC
FZK KNXVL/CROSS MT.....TN
BN SPRINGFIELD .....TN
2.64 /4.24 YYD FORT MTN/CHATSWO .GA
KNI HENDSVL/BERWLW M...NC
2.66 /4.26 L MARIETTA .....GA
BVW ASHVL/MT PISGAH.....NC
WTX HILLSBOROUGH .....NC
NP SHORT MTN.....TN
2.68 /4.28 BLR ATLANTA .....GA
OAK LAFOLLETTE .....TN
M LYNCHBURG .....VA
2.70 /4.30 NYV TEMPLE .....GA
MKT LOUISVILLE .....KY
AI SOMERSET .....KY
PVI STATESVILLE .....NC
2.72 /4.32 MTA ACWORTH .....GA
JBF THOMASVILLE .....GA
WA PASCAGOULA .....MS
SQN JACKSONVILLE .....NC
X PICKENS/SASFR MT .....SC
US CLEVELAND .....TN
2.74 /4.34 DOC ATLANTA .....GA
AZA THOMASVILLE .....NC
2.76 /4.36 BZJ DALTON .....GA
PAC GRIMESLAND .....NC
TYO MARSHALL .....NC
ZOE NASHVILLE .....TN
YST CHARLESTON .....WV
2.78 /4.38 RBT CLEVELAND .....GA
OQJ KNOXVILLE .....TN
QT DANVILLE .....VA
2.80 /4.40 EKR ELLISVILLE .....MS
BFB CHARLOTTE .....NC
QHF PICKENS .....SC
YGI COLLIERVILLE .....TN
RBB MORRISTOWN .....TN
2.82 /4.42 YSV ROME .....GA
AO LEXINGTON .....KY
VEZ #LOUISVILLE .....KY
BS MEMPHIS .....TN
DE COLLINSVILLE .....VA
GSM NORTON/HIGH KNOB .VA
2.84 /4.44 NEQ ATL/MARIETTA .....GA
CW WEST SPRINGS .....SC
OG NASHVILLE .....TN
FUV SEVIERVILLE .....TN
2.86 /4.46 HT CALHOUN .....GA
Y VALDOSTA .....GA
ZTJ SHELBY .....NC
YON KNOXVILLE .....TN
2.88 /4.48 PRH NORCROSS .....GA
ZIA LOCUST .....NC
ZGA NASHVILLE .....TN
2.90 /4.50 MTA MARIETTA .....GA
TYP BILOXI .....MS
YNY WILMINGTON .....NC
BBB KNOXVILLE .....TN
DRL MEM/FISHERVILLE.....TN
BVI MARTINSVILLE .....VA
2.92 /4.52 KSM WALESKA/PNLGMT.....GA
RPB GLEN .....MS
RWN LITTLE MTN .....SC
OBW JONESBOROUGH .....TN
ONG RICHMOND .....VA
2.94 /4.54 YEA DALLAS .....GA
BVW MT MITCHELL .....NC
2.96 /4.56 DOC ATLANTA .....GA
RXF LANCASTER .....KY
EHF #FAYETTEVILLE .....NC
KAQ LEXINGTON .....SC
ARY BLF/ONEIDA PK .....VA
2.98 /4.58 F PIKEVILLE .....KY
AA ROCKY MOUNT .....NC
YHH SAURATOWN MT.....NC
VFD CROSS .....SC
KFI KNOXVILLE .....TN
3.00 /4.60 GIS CARTERSVILLE .....GA
PLA ASHEVILLE .....NC
HMT LAKE GASTON .....VA
3.02 /4.62 ZTL ATLANTA/BELL .....GA
DAR PIKEVILLE .....KY
THN GLOUCESTER PT. .....VA
3.04 /4.64 ABZ RINGGOLD .....GA
PEN RALEIGH .....NC
YHH WINSTON-SALEM .....NC
SWI COLUMBIA .....SC
RGQ MORRISTOWN .....TN
3.06 /4.66 BKM MACON .....GA
PLA MARS HILL .....NC
AM SUNSET BEACH .....NC
VFR SUMTER/SHAW .....SC
S NASHVILLE .....TN
3.08 /4.68 BZJ DALTON .....GA
KPF LK NORMN/CLT .....NC
RCL WAYNESBORO .....VA
3.10 /4.70 PZD HIRAM .....GA
RXG SAURATOWN MT.....NC
IBW SEVIERVILLE .....TN
ARO PETERSBURG .....VA
3.12 /4.72 WR CLAYTON .....GA
DAN TRENTON .....NC
KO COLUMBIA .....TN
3.14 /4.74 KVC DALTON .....GA
CJR HATTIESBURG .....MS
UO OXFORD .....NC
PYI NASHVILLE .....TN
RAG STAUNTON .....VA
WQJ VIRGINIA BEACH .....VA
3.16 /4.76 BOC STONE MT .....GA
EXU SALISBURY .....NC
E GREENBRIER .....TN
TFZ CHARLOTTESVILLE.....VA
3.18 /4.78 KLW ROCKMART .....GA
D ACKERMAN .....MS
WGY EDEN .....NC
BR ORANGEBURG .....SC
VCM CHATTANOOGA .....TN
UCI JC/BUFFALO MT.....TN
KOG MEMPHIS .....TN
3.20 /4.80 ZGN ELLIJAY .....GA
PML MORGANTON .....NC
E GREENBRIAR .....TN
IBW SEVIERVILLE .....TN
3.22 /4.82 C ATLANTA .....GA
MOP LOUISVILLE .....KY
D ACKERMAN .....MS
DWU CANTON .....NC
BX GREENSBORO .....NC
3.24 /4.84 MU WARNER ROBINS .....GA
DAN GRIFTON .....NC
PHT DAYTON .....TN
PRD NASHVILLE .....TN
PLV BEDFORD .....VA
4.34 /4.84 YGI CHEAHA MTN, AL .....GA
3.26 /4.86 JNN ALPHARETTA .....GA
GYR SUMTER .....SC
PVT HAMPTON .....VA
3.28 /4.88 LUQ YORKVILLE .....GA
AI SOMERSET .....KY
VNO BAY ST. LOUIS .....MS
AIH ANDREWS/ROBBINSV ..NC
RXG SAURATOWN MT.....NC
DRL FISHERVILLE .....TN
3.30 /4.90 QPL MARIETTA .....GA
ST PONTOTOC .....MS
EOY COLUMBIA .....SC
ZOK CHATT/SIGNAL MT.....TN
SBX GRAY/HOLSTON MTN .TN
HQ DELTAVILLE .....VA
3.32 /4.92 IFL RALEIGH .....NC
NYK ROPER MT/GRNVL .....SC
LGA BLFD/E.RIVER MTN .....VA
3.34 /4.94 KXO AUGUSTA .....GA
EV ROSSVILLE .....GA
YUU LEXINGTON .....KY
JJ FLORENCE .....SC
NKM GREENEVILLE .....TN
PCD NASHVILLE .....TN
EM ROANOKE/CHAUS MT.VA
3.36 /4.96 ZJG HIRAM .....GA
JTX CHERRYVILLE .....NC
CH GOLDSBORO .....NC
UQS HENDERSONVILLE .....NC
WTB SAURATOWN MT.....NC
TUN AIKEN .....SC
RA LAVERGNE .....TN
3.38 /4.98 JSR CUMMING .....GA
PNG JARVIS .....KY

440 MHZ

9.45 /5.67 DOC ATLANTA .....GA
4.00 /1.25 ZTL #ATLANTA/BELL .....GA
TO SAVANNAH .....GA
CNN GOOSE CREEK .....SC
EM MEMPHIS .....TN
9.25 /1.25 PXX BRNSWK/JEKYLL IS.....GA
BEJ #ELIZABETHTOWN .....KY
PPN CHARLOTTE .....NC
AT GREENSBORO .....NC
GUP LEXINGTON .....SC
ZQ NASHVILLE .....TN
9.250/1.250 NS ELIZABETHTOWN .....KY
TPI PULASKI .....TN
9.25 /3.25 UMU SUMTER .....SC
VHP SAVANNAH .....GA
HTB BOWLING GREEN .....KY
NOJ GAUTIER .....MS
NOJ WAYNESBORO .....VA
MM ALBANY .....GA
AOH OWENSBORO .....KY
NYR SHELBY .....NC
6.25 /9.25 FHL ROANOKE/POOR MT...VA
6.925/0.925 G FLAT TOP/BECKLEY .....WV
7.00 /2.00 RTH ALPHARETTA .....GA
ORL LOUISVILLE .....KY
KPW #MARSHALL .....NC
HMT GASBURG .....VA
T #WYTHE/WALKER MT....VA
7.025/2.025 NMF ATLANTA .....GA
SWI CLEVELAND/BEAN M..TN
7.05 /2.05 KDO MARIETTA .....GA
XV JASPER .....TN
BJY MEDINA .....TN
7.075/2.075 VOS STANTON .....KY
GYM COLUMBIA .....SC
VY DAYTON .....TN
7.10 /2.10 CNG ATLANTA .....GA
OKJ LAGRANGE .....KY
ABJ MILAN .....TN
7.125/2.125 PLP ROSSVILLE .....GA
7.15 /2.15 QO ROSWELL .....GA
BEA RALEIGH .....NC
J CHATTANOOGA .....TN
7.150/2.150 TPI PULASKI .....TN
7.175/2.175 BZJ #DALTON .....GA
7.20 /2.20 APR DECATUR .....GA
DWU ELLISVILLE .....MS
GN WILMINGTON .....NC
YCR BETHPAGE .....TN
SBX GRAY/HOLSTON MT....TN
BJY OAKFIELD .....TN
7.225/2.225 DYH LOUISVILLE .....KY
GUG STUART .....VA
7.25 /2.25 DWU ELLISVILLE .....MS
PQA GREENVILLE .....SC
DES CLEVELAND .....TN
HTI COVINGTON .....VA
7.275/2.275 VTT MACON .....GA
ZCM AUBURN .....NC
7.30 /2.30 NOG DULUTH .....GA
OOC MORG. WALKER TOP..NC
OOZ SUMMERVILLE .....SC
UBR COOKEVILLE .....TN
VDZ RICHMOND .....VA
BS BECKLEY/BOLT .....WV
7.325/2.325 JSR CHATTANOOGA .....TN
7.35 /2.35 NHW BALDWIN .....GA
TU LAKE GASTON .....NC
7.375/2.375 PXV WEST JEFFERSON .....NC
7.40 /2.40 UER WARM SPRINGS .....GA
XV LATONIA .....KY
QHF PICKENS/CSRS HD.....SC
YI LYNCHBG/JACK MT....VA
7.425/2.425 HCA CLARKESVILLE .....GA
FIE MADISONVILLE .....KY
7.45 /2.45 RBL LOUISVILLE AREA .....KY
LMR RALEIGH .....NC
NEB CLEVELAND .....TN
7.475/2.475 NVG LAVONIA .....GA
7.50 /2.50 RYM LOUISVILLE .....KY
NTZ KNOXVILLE .....TN
CA ROANOKE/POOR MT..VA
7.500/2.500 YNY WILMINGTON .....NC
7.525/2.525 UTF #ATLANTA .....GA
KMV FORT WRIGHT .....KY
7.55 /2.55 JEH CONYERS .....GA
ELX LOUISVILLE .....KY
MMY PITTSBORO .....NC
ZBE RICHMOND .....VA
7.60 /2.60 USU MURPHY .....NC
SSB GALLATIN .....TN
ARO PETERSBURG .....VA
VA #HUNTINGTON .....WV
7.625/2.625 NSO GAINESVILLE .....GA
AM SUNSET BEACH .....NC
EPG MEMPHIS .....TN
7.65 /2.65 JZI PALMER .....TN
ZMS LYNCHBURG .....VA
7.70 /2.70 ZGN #ELLIJAY .....GA
TO SAVANNAH .....GA
VG ROANOKE/POOR MT..VA
7.725/2.725 YJ LOUISVILLE .....KY
7.75 /2.75 EMM #CONYERS .....GA
GR BAKERSVILLE .....NC
7.775/2.775 EBZ MADISONVILLE .....KY
7.80 /2.80 AAD YADKINVILLE .....NC
EPG JACKSON .....TN
MIC GUM SPRING .....VA
7.825/2.825 G MEMPHIS .....TN
7.85 /2.85 QGH LAWRENCEVILLE .....GA
7.875/2.875 IWK MACON .....GA
7.90 /2.90 I HOG MOUNTIAN .....GA
AZA THOMASVILLE .....NC
SSB NEW DEAL .....TN
7.925/2.925 YHM EATONTON .....GA
7.95 /2.95 FU LYNCHBURG .....VA
7.975/2.975 YNZ ATLANTA .....GA
8.00 /3.00 OGF CHATSWORTH .....GA
KPW #MARSHALL .....NC
YP PIKEVILLE .....NC
EOY COLUMBIA .....SC
ZJM MEMPHIS .....TN
X WHITETOP MTN.....VA
EZR HUNTINGTON .....WV
8.80 /3.00 KOG MEMPHIS .....TN
8.025/3.025 NMF ATLANTA .....GA
IEZ JULIETTE .....GA
DZ BURLINGTON .....NC
UAG KNOXVILLE .....TN
8.05 /3.05 CH GOLDSBORO .....NC
PUB NASHVILLE .....TN
8.075/3.075 ZIZ MACON .....GA
UAG KNXVL/CROSS MTN.....TN
8.10 /3.10 IZD LYNCH/BLACK MT .....KY
GGC SAURATOWN MT.....NC
GPM FAYETTEVILLE .....TN
JXT MEMPHIS .....TN
QG POWHATAN .....VA
FHE BUCKHANNON .....WV
8.125/3.125 DEB HAMPTON .....GA
NNA RALEIGH .....NC
8.15 /3.15 QO ROSWELL/BELL .....GA
HG SALISBURY .....NC
MHR ST. ALBANS .....WV
8.20 /3.20 APP HIGH HOUSE MTN.....GA
ZIA #HAMLET .....NC
UG GRNVLE/VIKING MT ....TN
BS MEMPHIS .....TN
8.225/3.225 QCP JONESBORO .....GA
ZCM RALEIGH .....NC
8.25 /3.25 JNN ALPHARETTA .....GA
POG THOMASVILLE .....GA
VF DORTON .....KY
JEX KANNAPOLIS .....NC
8.275/3.275 KLW ROCKMART .....GA
AWI LEBANON .....TN
8.30 /3.30 DZJ WIGGINS .....MS

SVQ ARCHDALE ..... NC
IEV #RATTLESNAKE MTN ..... NC
KJH GATLBG/COVE MT ..... TN
8.325/3.325 JMD STOCKBRIDGE ..... GA
JMD STOCKBRIDGE ..... GA
EQT LAWRENCEBURG ..... KY
8.35 /3.35 YYD FORT MTN/CHATSWO ..GA
VEI PETAL ..... MS
JEX KANNAPOLIS ..... NC
N GRNVLE/PARIS MT ..... SC
LFU RICHMOND ..... VA
8.375/3.375 AQS CALHOUN/JASPER ..... GA
IFL RALEIGH ..... NC
8.40 /3.40 EKZ CEDARTOWN ..... GA
RDM HAMPTON ..... GA
GUG SAURATOWN MT ..... NC
RPC YAUPON BEACH ..... NC
TUN AIKEN ..... SC
DBJ CUMBERLAND CITY ..... TN
QWW MEMPHIS ..... TN
8.425/3.425 CPO BRUNSWICK ..... GA
MDE JASPER ..... GA
SQC JOHNSON CITY/HO ..... TN
8.45 /3.45 VAK HIGH PT/LOOKT MT ..... GA
ELX LOUISVILLE ..... KY
VOZ STATESVILLE ..... NC
8.475/3.475 X CHAPEL HILL ..... NC
TWX ROCK HILL ..... SC
FWL BECKLEY ..... WV
8.50 /3.50 EQC LOUISVILLE ..... KY
TZV MAYSVILLE ..... KY
UBY META ..... KY
X LAUREL ..... MS
PQZ G'BORO/H'POINT ..... NC
WKS PARIS/GROVE HL ..... TN
CWB SEVIERVILLE ..... TN
8.500/3.50 BQX MARIETTA ..... GA
8.525/3.525 KLW ROCKMART ..... GA
8.55 /3.55 IN DACULA ..... GA
HZX GRAEFENBURG ..... KY
LRQ HATTIESBURG ..... MS
XE ROARING GAP ..... NC
ELM SMITHFIELD ..... VA
8.575/3.575 NTF CEDARTOWN ..... GA
PXV BOONE/RICH MTN ..... NC
IDG LEBANON ..... TN
8.60 /3.60 BA MARIETTA ..... GA
HYE MENDENHALL ..... MS
DWU MT MITCHELL ..... NC
CXD FOREST ..... VA
8.625/3.625 RZ JACKSON, EAST ..... MS
MJN JAMESTOWN ..... TN
E #ONEIDA PEAK/BLF ..... VA
8.65 /3.65 ZV ATLANTA ..... GA
D ACKERMAN ..... MS
AIH ANDREWS/ROBBINSV ..NC
UMI HAMPTON ..... VA
BON ROANOKE/POOR MT ..VA
8.675/3.675 FRP CROWDERS MTN ..... NC
IBW SEVIERVILLE ..... TN
8.70 /3.70 BA MARIETTA ..... GA
LXW HIGH POINT ..... NC
LBT LOCUST ..... NC
DOR BARTLETT ..... TN
OTK LAFOLLETTE ..... TN
8.725/3.725 OTT CARTHAGE ..... TN
8.75 /3.75 TF COVINGTON ..... GA
YOT GASTONIA/CROWDER NC
EDS ALAMO ..... TN
EG #ROANOKE AIRPORT ..VA
8.775/3.775 CR VERSAILLES ..... KY
JFN HAW RIVER ..... NC
CWY LAURENS ..... SC
8.80 /3.80 NFP ATLANTA/MARIETTA ..... GA
IAT NATCHEZ ..... MS
HNK #SUMMERVILLE ..... SC
CWB SEYMOUR ..... TN
ZMS BEDFORD/APL ORCH ..VA
NDH CHESAPEAKE ..... VA
8.825/3.825 KRM SHELBYVILLE ..... TN
KZI PETERSBURG ..... VA
8.85 /3.85 YSV WALESKA/PNLOG MT ..GA
ULM FRANKLIN ..... TN
8.875/3.875 LXT ATLANTA ..... GA
KPW PINEY KNOB ..... NC
DUM WILLIS ..... VA
SP FAIRMONT ..... WV
8.90 /3.90 DEB GRIFFIN ..... GA
DWU ELLISVILLE ..... MS
JIF HIGH POINT ..... NC
EVG CHESAPEAKE ..... VA
8.925/3.925 LJU RINGGOLD ..... GA
YR SOUTH BOSTON ..... VA
8.95 /3.95 UFM DECATUR ..... GA
OWV CHARLOTTE ..... NC
RYF MEMPHIS ..... TN
NTG WILLIAMSBURG ..... VA
8.975/3.975 WGY EDEN ..... NC
BRN MEMPHIS ..... TN
WJS ROCKWOOD ..... TN
RA SMRYNA ..... TN
FIP WESTON ..... WV
9.00 /4.00 QDX LAWRENCEVILLE ..... GA
AFY SAVANNAH ..... GA
YV CLINTON ..... MS
JEQ HICKORY ..... NC
WAA #ROCKY MT ..... NC
YP #SELMA ..... NC

JJ FLORENCE ..... SC
BKY GALLATIN ..... TN
ETE MEMPHIS ..... TN
CWB SEVIERVILLE ..... TN
SN PORTSMOUTH ..... VA
IT MULLENS/HRNDN MT ..WV
9.025/4.025 QDX ATLANTA ..... GA
DZ HIGH POINT ..... NC
RDK MEMPHIS ..... TN
9.05 /4.05 NEQ ATLANTA/MARIETTA ..... GA
OLC TAYLORSVL/BARR M ..... NC
OG NASHVILLE ..... TN
OLM STUARTS DRAFT ..... VA
9.075/4.075 UP ETHRIDGE ..... TN
PDQ MARYVILLE ..... TN
9.10 /4.10 BKM MACON, ... GA
MNI BOWLING GREEN ..... KY
UL LOUISVILLE ..... KY
WTX DURHAM ..... NC
MZL LANCASTER ..... SC
AM CHATTANOOGA ..... TN
FH JOHNSON CITY ..... TN
JXT MEMPHIS ..... TN
FOZ STAUNTON/EL KNOB ...VA
ZIN WILLIAMSBURG ..... VA
9.125/4.125 J CARTERSVILLE ..... GA
YOQ BOSTIC ..... NC
ECD LAFAYETTE ..... TN
BS PINEVILLE ..... WV
9.15 /4.15 ZTL ATLANTA/BELL ..... GA
BJT CLERMONT HARBOR ...MS
YCR NEW ALBANY ..... MS
IZF GASTONIA ..... NC
NTM NASHVILLE ..... TN
ZR LEXNGTN/ROCK MT. ...VA
9.175/4.175 QOW COVINGTON ..... GA
COV UNION ..... KY
NNN KNOXVILLE ..... TN
WTB STUART/SPOON MTN ...VA
FMD CLARKSBURG ..... WV
9.20 /4.20 LBM DECATUR ..... GA
OG MARION ..... KY
TRS PRESTONSBURG ..... KY
YNF AHOSKIE ..... NC
GN WILMINGTON ..... NC
GYM WEST COLUMBIA ..... SC
YTU BROWNSVILLE ..... TN
NEX MORRISTOWN ..... TN
ARK NASHVILLE ..... TN
VWR ENON ..... VA
EZA WAYNESBORO ..... VA
9.225/4.225 DBP WARNER ROBINS ..... GA
VWK YANCEYVILLE ..... NC
ARK NASHVILLE ..... TN
9.25 /4.25 BOC ATLANTA/STONE MT ..... GA
DC GLASGOW/CVCTY ..... KY
CYR GULFPORT ..... MS
KNI HENDSVL/BERWLW M ..NC
BFI YOUNGSVILLE ..... NC
PAJ BARTLETT ..... TN
E GREENBRIER ..... TN
TFZ CHARLOTTESVILLE ..... VA
ZAR BUCKHANNON ..... WV
9.275/4.275 VTT MACON ..... GA
NC WINSTON-SALEM ..... NC
GZX CLEVELAND ..... TN
AXH LEBANON ..... TN
9.30 /4.30 WH JENKINS ..... KY
ZZD LOUISVILLE ..... KY
RC HEIDELBERG ..... MS
WOR GREENSBORO ..... NC
KNU WILLIAMSTON ..... NC
MNH CHARLESTON ..... SC
DRL FISHERVILLE ..... TN
GBI KNOXVILLE ..... TN
BZU NASHVILLE ..... TN
9.325/4.325 BA MARIETTA ..... GA
NYR SHELBY ..... NC
BZU CLARKSVILLE ..... TN
T WYTHEVILLE/SAND ..... VA
ZXP GLENVILLE ..... WV
9.35 /4.35 Y VALDOSTA ..... GA
CO WALTON ..... KY
DZ GIBSONVILLE ..... NC
KAO #LEXINGTON ..... SC
BKY GALLATIN ..... TN
CLA PIGEON FORGE ..... TN
DBB BEDFORD ..... VA
YST CHARLESTON ..... WV
9.375/4.375 IZF JASPER ..... GA
DAR PIKEVILLE ..... KY
HAV PEARL ..... MS
OWU FANCY GAP ..... VA
9.40 /4.40 UA AUGUSTA ..... GA
ULJ HAMILTON ..... GA
LU LAWRENCEVILLE ..... GA
LTW MERIDIAN ..... MS
YZF FAYETTEVILLE ..... NC
YOQ FOREST CITY ..... NC
KOG MEMPHIS ..... TN
EAJ OAK RIDGE ..... TN
WA WATERTOWN ..... TN
UU DANVILLE ..... VA
G ALDERSON ..... WV
9.90 /4.40 DEP AUDRA PARK ..... WV
9.425/4.425 NNN KNOXVILLE ..... TN
ISI ALTAVISTA ..... VA
9.45 /4.45 DOC ATLANTA ..... GA

LCL JACKSON ..... MS
CQ CHARLOTTE ..... NC
YTU BROWNSVILLE ..... TN
KWP GALLATIN ..... TN
J SODDY DAISY ..... TN
MOP BLUEFIELD ..... VA
MOP BLUEFIELD ..... WV
9.475/4.475 CLA SWEAT MT/MARIETT ..... GA
BI PIKEVILLE ..... KY
DNY GREENSBORO ..... NC
9.50 /4.50 MM ALBANY ..... GA
UWL #ATLANTA ..... GA
APA HENDERSON ..... KY
MOP LOUISVILLE ..... KY
WK WAYNESBORO ..... MS
ICX LEXINGTON ..... NC
GYR SUMTER ..... SC
LSP BRISTOL/HLST MT ..... TN
KSL KNOXVILLE ..... TN
WAH MEMPHIS ..... TN
HEX LYNCHBURG/TOBR MT ..VA
Y BUCKHANNON ..... WV
9.525/4.525 VF GRETHEL ..... KY
MRS NEW HEBRON ..... MS
PEN RALEIGH ..... NC
AM MYB BCH/BRKSVIL ..... SC
BGK NASHVILLE ..... TN
IBW SEVIERVILLE ..... TN
9.55 /4.55 JEH CONYERS ..... GA
KQ LEWISPORT ..... KY
VTE GASTONIA ..... NC
VM ROANOKE RAPIDS ..... NC
Y COOKEVILLE ..... TN
O MCNAIRY ..... TN
9.575/4.575 AQG DOUGLASVILLE ..... GA
MVY PHELPS ..... KY
HAJ KINSTON ..... NC
SD SALISBURY ..... NC
WCK NASHVILLE ..... TN
DE COLLINSVILLE ..... VA
9.60 /4.60 KMS COVINGTON ..... GA
NKL #QUITMAN ..... GA
NMC LOUISVILLE ..... KY
CO JACKSON ..... MS
BFB CHARLOTTE ..... NC
UO OXFORD ..... NC
UDD NORTH CHARLESTON ..SC
HAP KNOXVILL/ENG MTN ...TN
JXI MEMPHIS ..... TN
K WESTON ..... WV
9.625/4.625 WQ ATLANTA ..... GA
QFL HAWESVILLE ..... KY
OCF RICHTON ..... MS
DVN LUMBERTON ..... NC
TK NASHVILLE ..... TN
E BLUEFIELD ..... VA
9.65 /4.65 IBW SMYRNA ..... GA
KOL BOWLING GREEN ..... KY
ST HORN LAKE ..... MS
NBG #WALLS ..... MS
J MIDDLESEX ..... NC
MMB SALISBURY ..... NC
NKM GREENEVILLE ..... TN
MWQ #MCMINNVILLE/HF ...TN
OYS SHORT MTN ..... TN
EHJ RICHMOND/CHARVLE VA
9.675/4.675 EBZ NEWNAN ..... GA
VYX ROBINSON CREEK ..... KY
DIL CHARLOTTE ..... NC
SQN JACKSONVILLE ..... NC
JMT MYR BCH/CONWAY ...SC
PCD NASHVILLE ..... TN
MIZ NORFOLK ..... VA
9.70 /4.70 LUQ DALLAS ..... GA
IEZ LAKE SINCLAIR ..... GA
ELN VALDOSTA ..... GA
AUN LOUISVILLE ..... KY
UYB SCOTTSVILLE ..... KY
Y JACKSON ..... MS
YMY DENVER/CLT ..... NC
JEH ROCKY MOUNT ..... NC
WWB GATE CITY ..... VA
LG MORGANTOWN ..... WV
9.725/4.725 AOZ WATKINSVILLE ..... GA
ZY LEXINGTON ..... KY
ZCD #HICKORY FLAT ..... MS
QDK WINSTON-SALEM ..... NC
RAV BLUFF CITY ..... TN
AKM FRANKLIN ..... TN
FO KEENY MTN ..... WV
9.75 /4.75 EMM CONYERS ..... GA
CYR MCHENRY ..... MS
VZF STARKVILLE ..... MS
IZF GASTONIA/CROWDER NC
JFN PITTSBORO ..... NC
TC HENDERSON ..... TN
KQI FOREST ..... VA
L CHARLESTON ..... WV
9.775/4.775 NEQ ATLANTA/MARIETTA ..... GA
YHH KING/SAURATOWN M..NC
ATC RALEIGH ..... NC
AKM GALLATIN ..... TN
G PARKERSBURG ..... WV
9.80 /4.80 ASI COVINGTON ..... GA
BEJ ELIZABETHTOWN ..... KY
CO JACKSON ..... MS
J GREENVILLE ..... NC
YEC REIDSVILLE ..... NC

RG GAFFNEY ..... SC
JXI MEMPHIS ..... TN
LP MORRISTOWN ..... TN
MIC OILVILLE ..... VA
G BECKLEY/OAK HILL ..... WV
CUL MORGANTOWN ..... WV
9.825/4.825 DOC ATLANTA ..... GA
VXR SALEM ..... KY
DSN AMORY ..... MS
UY MT AIRY/FSH PK ..... NC
FC MEMPHIS/ADAMSMK ..TN
PYI SMITHVILLE ..... TN
ZBP STAUNTON ..... VA
9.85 /4.85 BZJ DALTON ..... GA
UM MIDWAY ..... GA
YUU LEXINGTON ..... KY
NI NEBO ..... KY
DU INDIANOLA ..... MS
WRE POPLARVILLE ..... MS
CQ CHARLOTTE ..... NC
GMP WILMINGTON ..... NC
MWQ MCMINNVILLE ..... TN
NDQ NORTON/HIGH KNOB ..VA
ARO RICHMOND ..... VA
FMD ELKINS ..... WV
9.875/4.875 ELV CONYERS ..... GA
TX #HODGENVILLE ..... KY
UPE SALVISA ..... KY
BEC BALD CREEK ..... NC
LRD CHATTANOOGA ..... TN
BOX JACKSON ..... TN
AKM NASHVILLE ..... TN
WTP BIG "A" MTN ..... VA
9.90 /4.90 ZGN ELLIJAY ..... GA
IV8 CORBIN ..... KY
YWH HIGHLAND HEIGHTS ....KY
D ACKERMAN ..... MS
DWT ASHEVILLE ..... NC
JMS NEW BERN ..... NC
J WILSON ..... NC
MMI RAMER ..... TN
IDG WATERTOWN ..... TN
XRY FANCY GAP ..... VA
SCS BELINGTON ..... WV
9.925/4.925 NNO ATLANTA ..... GA
PJR JESUP ..... GA
WZH GLASGOW ..... KY
PYQ SOUTHAVEN ..... MS
TTE VICKSBURG ..... MS
XRY MT. AIRY ..... NC
BUH ANDERSON/SAS MT ..... SC
BGK COLUMBIA ..... TN
VIH DOVER ..... TN
BON ROANOKE/TINKER M ...VA
9.95 /4.95 I AUGUSTA ..... GA
MU WARNER ROBINS ..... GA
EJA LEXINGTON ..... KY
EYM WINONA ..... MS
DW APEX/RALEIGH ..... NC
WXL DALLAS/CHARLOTTE ...NC
PBC CHARLESTON ..... SC
SIR BENTON/BEAN MT ..... TN
GP CLARKSVILLE ..... TN
NNE MEMPHIS ..... TN
WRN STAUNTON ..... VA
KXV VIRGINIA BEACH ..... VA
CQV SO. CHARLESTON ..... WV
9.975/4.975 YNZ ATLANTA ..... GA
TVE BRUNSWICK ..... GA
TAT ASHLAND ..... KY
CWF NICHOLASVILLE ..... KY
AGD JACKSON ..... MS
ML ASHEBORO ..... NC
ZTJ POLKVILLE ..... NC
O ORANGEBURG ..... SC
LP MORRISTOWN ..... TN
AKM NASHVILLE ..... TN
AZJ PEARISBURG ..... VA
EKT WHEELING ..... WV
3.85 /8.85 YSV WALUSKA/PINE LOG ...GA
4.60 /9.60 SJH SPRINGFIELD ..... KY
4.825/9.825 DOC ATLANTA ..... GA
9.25 /2.25 HTB BOWLING GREEN ..... KY
6.25 /3.25 HEX LYNCHBURG ..... VA
9.25 /0.00 HTB BOWLING GREEN ..... KY
9.55 / OGT HAMPTON ..... VA

920 MHZ

7.10 /9.10 BZJ DALTON ..... GA
8.80 /0.80 LP MORRISTOWN ..... TN
8.90 /0.90 TT ROANOKE ..... VA
9.00 /1.00 OSI FOREST ..... VA
9.10 /1.10 ZMS BEDFORD/APL ORCH ..VA
0.25 /3.25 ZGA NASHVILLE ..... TN

1270 MHZ

5.00 /7.25 NEQ ATL/MARIETTA ..... GA
7.25 /9.25 EEW NASHVILLE ..... TN
PPN #CHARLOTTE ..... NC
2.40 /4.40 WXJ NASHVILLE ..... TN
4.50 /6.50 ZOE NASHVILLE ..... TN
1.02 /1.02 DBB ROANOKE/POOR MT ..VA
1.10 /1.10 ZMS BEDFORD/APL ORCH ..VA
1.40 /1.40 DOC ATLANTA NORTH ..... GA
SXY SAURATOWN MTN ..... NC
1.95 /1.95 YMY CHARLOTTE ..... NC
2.00 /2.00 KIN ATLANTA/BELL ..... GA
MW MEMPHIS ..... TN
2.82 /2.82 IZF GASTONIA/CROWDER NC

MARYLAND REPEATERS

Listing courtesy of T-MARC (The Middle Atlantic FM and Repeater Council) and published with their Permission.

2M - 220 MHz - 450 MHz Listings by City

ACCOKEEK	WA3TAI	449.500	444.500	
ADELPHI	WB3FRW	144.770	144.370	
ANNAPOLIS	WB4APR	144.930	144.930	LNK24
ANNAPOLIS	WB4APR	426.250	923.250	ATV/LK24
ARNOLD	WB0FQC	222.480	224.080	LNK3
ASHTON	K3WX	146.400	147.000	AP
ASHTON	K3WX	448.150	443.150	AP
BALTIMORE	K1BYD	144.950	144.950	LNK29
BALTIMORE	W3FT	146.070	146.670	AP/LK2
BALTIMORE	W3DID	147.630	147.030	LNK1/AP
BALTIMORE	W3BPX	147.885	147.285	
BALTIMORE	W3FT	222.640	224.240	AP/LK2
BALTIMORE	WA3DZZ	223.360	224.960	LNK1
BALTIMORE	W3WCQ	426.250	911.250	ATV/LNK
BALTIMORE	W3WCQ	426.250	439.250	ATV/LNK
BALTIMORE	W3FT	444.625	449.625	LNK2
BALTIMORE	KA3GWC	448.200	443.200	
BALTIMORE	W3DID	443.975	448.975	LNK1
BALTIMORE	W3WCQ	1253.250	1289.250	ATV/LNK
BALTIMORE	K1BYD	1265.250	923.250	ATV/LNK
BALTIMORE	W3DID	1277.250	1241.250	ATV
E. BALTIMORE	WB3FFV	52.350	53.350	P
E. BALTIMORE	W3PGA	147.840	147.240	AP
E. BALTIMORE	N3HIA	222.880	224.480	AP
E. BALTIMORE	KA3ZAN	443.075	448.075	
E. BALTIMORE	N3HIA	444.075	449.075	
E. BALTIMORE	W3PGA	444.575	449.575	
N. BALTIMORE	WA3UTC	222.520	224.120	LNK18
N. BALTIMORE	WA3UTC	444.425	449.425	P/LK18
NE BALTIMORE	W3JEH	222.240	223.840	
NE BALTIMORE	N3FFB	444.425	449.325	PL(107.2)
NW BALTIMORE	WA3DZZ	144.530	145.130	AP
NW BALTIMORE	WA3DZZ	223.200	224.800	AP
NW BALTIMORE	WA3DZZ	448.350	443.350	AP
S. BALTIMORE	KS3L	223.080	224.680	
S. BALTIMORE	WA3WLC	448.550	443.550	
W. BALTIMORE	N3GXH	52.150	53.150	P
W. BALTIMORE	WB3ARQ	147.945	147.345	
W. BALTIMORE	KS3L	222.360	223.960	
W. BALTIMORE	W3HMO	222.780	224.380	LNK3
W. BALTIMORE	WA3Z	223.040	224.640	
W. BALTIMORE	WA3ME	448.700	443.700	
BEL AIR	WA3PFT	146.175	146.775	
BEL AIR	N3CNJ	147.720	147.120	
BEL AIR	WA3PFT	444.775	449.775	
BETHESDA	K3YGG	144.690	145.290	LNK18
BETHESDA	K3YGG	442.925	447.925	LNK18
BURTONSVILLE	WA3UTY	448.650	443.650	PL
CALIFORNIA	N3JTO	147.990	147.390	P
CHELTENHAM	W3PT	147.750	147.150	
CHESAPK BEACH	W3ZNW	146.385	146.985	
CHESTERTOWN	WA3UJE	147.975	147.375	
CHESTERTOWN	WA3UJE	444.175	449.175	
CHEVERLY	K5VCG	146.010	146.610	AP
CHURCHVILLE	N3CNG	444.225	449.225	
COLLEGE PARK	W3EAX	144.690	145.490	
COLORA	K3UAV	52.050	53.050	
COLORA	K3UAV	147.765	147.165	
COLORA	K3UAV	223.300	224.900	
COLORA	WA3TFI	448.000	443.000	
COLUMBIA	WA3WZA	147.735	147.135	
COLUMBIA	WA3WZA	147.990	147.390	AP
COLUMBIA	WA3WZA	222.320	223.920	
COLUMBIA	KA3HRJ	223.260	224.860	
COLUMBIA	WA3WZA	443.275	448.275	
CUMBERLAND	KK3L	29.520	29.620	LNK22
CUMBERLAND	K3MWI	144.850	145.450	LNK5
CUMBERLAND	KK3L	144.990	144.990	LNK22
CUMBERLAND	WA3WSW	146.280	146.880	
CUMBERLAND	N3JJK	147.915	147.315	P
CUMBERLAND	KK3L	449.000	444.000	
CUMBERLAND	N3JJK	449.500	444.500	
DAMASCUS	WB2BZR	222.940	224.540	
DAMASCUS	K3LNZ	222.980	224.580	
DAVIDSONVILLE	W3VPR	147.705	147.105	AP
DAVIDSONVILLE	W3VPR	222.280	223.880	AP
DAVIDSONVILLE	W3VPR	449.400	444.400	
DELMAR	N3FJM	222.420	224.020	
EASTON	WA3GVI	147.645	147.045	
ESTN/CAMBRDGE	K3SVA	447.950	442.950	
ELKTON	K3NCL	144.590	145.190	PL(162.2)
ELLICOTT CITY	N3EZD	222.720	224.320	
ELLICOTT CITY	N3EZD	444.525	449.525	
FREDERICK	N3IGM	52.750	53.750	P
FREDERICK	W3SOG	146.130	146.730	LNK5
FREDERICK	KA3NLF	147.660	147.060	
FREDERICK	WB8VBW	222.800	224.200	
FREDERICK	KA3VLG	223.100	224.700	
FREDERICK	WA3OHI	443.125	448.125	
FREDERICK	K3ERM	443.425	448.425	(141.3)AP
FREDERICK	N3BLB	444.675	449.675	
FREDERICK	W3SOG	449.800	444.800	
GAMBRILLS	WB4LNM	907.100	919.100	PL
GERMANTOWN	K4IWF	147.870	147.270	
GERMANTOWN	N3EAE	448.400	443.400	
GERMANTOWN	KV3S	449.200	444.200	
GREENBELT	WA3NAN	146.235	146.835	
GREENBELT	K3GXF	146.280	146.880	
HAGERSTOWN	W3CWC	146.340	146.940	AP
HAGERSTOWN	K3UMV	147.690	147.090	
HAGERSTOWN	K3UMV	147.975	147.375	
HAGERSTOWN	K3UMV	442.975	447.975	
HANOVER	NS3V	449.950	444.950	
HARMANS	W3YVV	448.950	443.950	PL
HAVRE DE GRACE	N3EIO	146.250	146.850	
HAVRE DE GRACE	N3EIO	448.100	443.100	
HUGHESVILLE	N7BW	144.790	145.390	
JARRETTSVILLE	WA3DUR	443.475	448.475	
JEFFERSON	K3LMS	448.300	443.300	L
JESSUP	WA3DZD	146.160	146.760	LNK6
JESSUP	WA3DZD	223.160	224.760	LNK6
JESSUP	WA3DZD	449.000	444.000	LNK6
KENT ISLAND	K3UBC	146.340	146.940	LNK19
KENT ISLAND	K3UBC	222.680	224.280	LNK19
KENT ISLAND	K3UBC	448.850	443.850	LNK19
LEONARDTOWN	N3JTG	147.795	147.195	
LEONARDTOWN	KA3ZVG	444.225	449.225	P
LEXINGTON PARK	WA3UMY	52.030	53.030	LNK20
LEXINGTON PARK	K3HKI	146.040	146.640	AP
LEXINGTON PARK	WA3UMY	222.300	223.900	LNK20
LEXINGTON PARK	WA3UMY	448.050	443.050	AP
LUTHERVILLE	KB3LA	146.295	146.895	
MANCHESTER	N3NOT	443.825	448.825	P
MECHANICSVILLE	AA3AV	29.520	29.620	P
MILLERSVILLE	WA3PJQ	146.205	146.805	AP
MILLERSVILLE	W3VPR	147.675	147.075	
MILLERSVILLE	W3VPR	222.960	224.560	
MILLERSVILLE	WA3PJO	444.125	449.125	
NEW CARLLTON	N3EZD	144.830	145.230	PL(110.9)
OAKLAND	WJ3V	144.510	145.110	
OAKLAND	KB8NUF	146.205	146.805	P/AP
OCEAN CITY	KA3BAF	147.615	147.015	PL(156.7)
OCEAN CITY	WA3ZNW	448.450	443.450	L/LP
ODENTON	N3MIR	447.800	442.800	PL(127.3)
ODENTON	WA3GPC	449.700	444.700	LNK7
OWINGS MILLS	N3CDY	444.275	449.275	PL(107.2)
PIKESVILLE	WB3ARQ	147.945	147.345	
ROCKVILLE	W3RCN	144.650	145.250	
ROCKVILLE	KC3NG	144.850	145.450	
ROCKVILLE	KZ3F	146.355	146.955	AP
ROCKVILLE	WB3DIO	223.340	224.940	AP
ROCKVILLE	WA3YOO	448.900	443.900	
ROCKVILLE	N3LGA	1273.90	1285.90	P
PRINCESS ANNE	KA3MRX	146.025	146.625	
ST. LEONARD	N3AGB	448.300	443.300	AP
SALISBURY	K3SVA	52.070	53.070	PL(156.7)
SALISBURY	K3NOQ	146.325	146.925	
SALISBURY	N3FJM	222.420	224.020	
SALISBURY	N3HQJ	447.650	442.650	
SALISBURY	KC3UV	449.050	444.050	
SALISBURY	KB3QV	449.200	444.200	
SEAT PLEASANT	N3ST	443.925	448.925	PL(167.9)
SHARPTON	WA3ROW	146.220	146.820	PL(156.7)
SHAWSVILLE	K3HT	144.730	145.330	
SHAWSVILLE	WA3DUR	223.320	224.920	
SHAWSVILLE	KB3VX	444.375	449.375	LNK7
SILVER SPRING	N3AUY	29.580	29.680	PL(141.3)
SILVER SPRING	KA3LAO	147.780	147.180	AP
SILVER SPRING	WB3GXW	147.825	147.225	PL(156.7)
SILVER SPRING	N3AUY	444.025	449.025	PL(156.7)
SILVER SPRING	WA3ZNW	448.450	443.450	PL
SUITLAND	N3AGB	449.350	444.350	
THURMONT	N3EJT	147.795	147.195	P
TLCHSTR BEACH	WA3BXW	449.250	444.250	PL(131.8)
TYASKIN	N3HQJ	146.265	146.865	PL(156.7)
UPPER MARLBORO	WA3YUV	448.600	443.600	
WALDORF	N4QFW	52.330	53.330	PL(94.8)
WALDORF	KA3TQD	144.750	145.350	AP/LNK27
WALDORF	N4QFW	907.000	919.000	P
WESTMINSTER	K3PZN	52.090	53.090	P
WESTMINSTER	K3PZN	144.810	145.410	LNK14
WESTMINSTER	K3PZN	444.875	449.875	LNK14
WHEATON	N3AGB	52.250	53.250	AP

CORRECTED AS OF 12-10-93

D. C. REPEATERS

Listing courtesy of T-MARC (The Middle Atlantic FM and Repeater Council) and published with their Permission.

2M - 220 MHz - 450 MHz Listings by City

WASH DC	KA3BTD	52.170	53.170	AP
WASH DC	N4QFW	52.310	53.310	P
WASH DC	W3EIL	144.510	145.110	
WASH DC	W3DOS	144.590	145.190	
WASH DC	WA3DZD	146.160	146.760	LNK6
WASH DC	N3AGB	147.960	147.360	
WASH DC	N3DPD	222.220	223.820	L/AP
WASH DC	W3NKF	222.900	224.500	AP
WASH DC	W3ETX	443.575	448.575	P
WASH DC	KC3VO	443.875	448.875	
WASH DC	WA3KOK	444.975	449.975	
WASH DC	W4SHK	447.850	442.850	LNK28
WASH DC	W3YTW	449.100	444.100	
WASH DC	N3ST	449.65	444.650	

CORRECTED AS OF 12-10-93

DELAWARE REPEATERS

Listing courtesy of T-MARC (The Middle Atlantic FM and Repeater Council) and published with their Permission.

2M - 220 MHz - 450 MHz Listings by City

CLAYMONT	KA3JRG	449.950	444.950	
DAGSBORO	KA3TWG	223.280	224.880	P/LNK31
DELMAR	K3NOQ	146.325	146.925	
DOVER	W3HZW	146.370	146.970	
DOVER	W3HZW	147.795	147.195	AP
DOVER	K4CHE	449.500	444.500	PL(114.8)
FELTON	WB3ILS	444.325	449.325	
GREENWOOD	KD3GS	222.840	224.440	P
GREENWOOD	KD3UI	449.900	444.900	
MILLSBORO	K3JL	147.675	147.075	
MILLSBORO	K3JL	223.240	224.840	
NEWARK	WA3QPX	146.100	146.700	
NEWARK	AK3A	222.440	224.040	
NEWARK	WB2LSP	222.940	224.540	
NEWARK	N3JCR	223.120	224.720	
NEW CASTLE	KA3TWG	222.620	224.220	
SEAFORD	KV3D	144.610	145.210	AP
WILMINGTON	WA3QPX	146.130	146.730	
WILMINGTON	WB3JTK	146.355	146.955	
WILMINGTON	K3WAJ	147.825	147.225	AP/LNK12
WILMINGTON	WB3DPJ	222.400	224.000	LNK12
WILMINGTON	KC3AM	439.250	421.250	ATV/LNK
WILMINGTON	KC3AM	439.250	923.250	ATV/LNK
WILMINGTON	WA3QPX	443.375	448.375	
WILMINGTON	W3GQP	448.700	443.700	

CORRECTED AS OF 12-10-93

T-MARC REPEATERS REMARKS COLUMN CODES

AP - Autopatch ATV - Amateur Television L - Linked
P - Proposed PL - CTCSS access TT - Touch tone access

Please note: T-MARC Territory repeaters in Northern Virginia and the Panhandle area of West Virginia, are listed in the regular SERA repeater Index, under their respective states. They are identified with an "M" in the codes column.

FAR Scholarships

The Foundation for Amateur Radio, Inc., a non-profit organization with headquarters in Washington, DC, plans to administer 49 scholarships for the academic year 1994-1995 to assist licensed Radio Amateurs. The Foundation, composed of fifty local area Amateur Radio Clubs, fully funds five of these scholarships with the income from grants and its annual Hamfest. The remaining 44 are administered by the Foundation without cost to the various donors.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled in or have been accepted for enrollment at an accredited university, college or technical school. The awards range from $500 to $2,000 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs.

Clubs, especially those in Deleware, Florida, Maine, Maryland, New Jersey, Pennsylvania, Virginia and Wisconsin, are encouraged to announce these opportunities at their meetings, on their nets, during training classes, and in their club newsletters.

Additional information and an application form can be requested by letter or QSL card, postmarked prior to April 30, 1994 from: ***FAR Scholarships, 6903 Rhode Island Ave., College Park, MD 20740.***

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5 Hz to 2800 MHZ
One-Shot Feature

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ATH-30	1-2800 MHZ, High speed, one shot	259.	~~289.~~
ATH-50	5 Hz to 2800 MHZ, one shot	289.	~~339.~~
HST-15	Optional 0.2 PPM TCXO High Accuracy Timebase (installed)	100.	~~125.~~

Economy Frequency Counter

1350	1-1300 MHZ, 10 HZ Res. 3 gate times, Hold switch	$119.	~~129.~~

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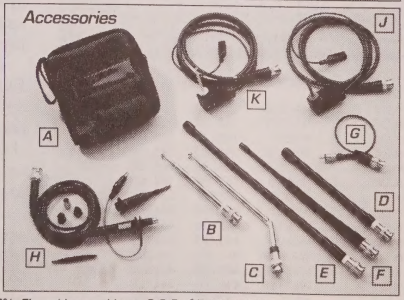
Increase range or distance from a transmitter with a Band Pass Filter. <1 dB pass band insertion loss.

LP-60	DC-60 MHZ Usage	$69.
HP-400	400-1500 MHZ Usage	69.
HP-800	800-2000 MHZ Usage	69.
BP-3	Above 3 filters ***(SAVE $30)***	$177. ~~207.~~

Accessories

A	*CC-90*	Case for all models	12.
B	*TA-90*	Telescope BNC antenna	12.
C	*TA-90-L*	Telescope elbow antenna	16.
D	*RD-150*	150 MHZ rubber duck	16.
E	*RD-2750*	27-50 MHZ rubber duck	28.
F	*RD-800*	800 MHZ rubber duck	29.
G	*M-207-IC*	Interface cable for MFJ-207	10.
H	*P-110*	200 MHZ, 1x, 10x probe	39.
J	*LP-22*	Lo-Pass, audio usage probe	25.
K	*DC-10*	Direct, 50 OHM probe	20.

Accessories



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ACCESSORIES FOR THE DJ-180T, DJ-580T, DJ-F1T ALINCO H/Ts

PART #	DESCRIPTION OF ITEM	LIST	SALE
EBC-3	Belt Clip (Fits All Models)	$6.95	$4.95
EBP-16N	7.2V 700 Mah Nicad Battery Pak (F1T/S1T)	$49.95	$45.95
EBP-18N (WW)	12V 600 Mah Nicad Battery Pak (F1T/S1T)	$59.95	$49.95
EBP-20N	7.2V 700 Mah Nicad Battery Pak (DJ-180T/580T)	$49.95	$45.95
EBP-20NX (WW)	7.2V 1,500 Mah Nicad Battery Pak (DJ-180T/580T)	$59.95	$49.95
EBP-22N (WW)	12V 800 Mah Nicad Battery Pak (DJ-180T/580T)	$59.95	$49.95
EBP-30N	7.2V 700 Mah Nicad Battery Pak (DJ-G1T)	$65.95	$59.95
EBP-31N	7.2V 1,200 Mah Nicad Battery Pak (DJ-G1T)	$79.95	$72.95
EBP-32N	12V 700 Mah Nicad Battery Pak (DJ-G1T)	$95.95	$85.95
EDC-24	AC Wall Chgr./Stand for EBP-14,16,18,20,22,20NX	$29.95	$25.95
EDC-34	Base/Mob. Quick Charger EBP-14,16,18,20,22,24NX	$99.95	$89.95
EDC-36	Filtered Mobile Cig. Power Cable (All Models) (DJ-180T rqr EDH-12)	$24.95	$21.95
EDC-37	Cable for DC Power Supply (All Models) (DJ-180T rqr EDH-12)	$12.95	$10.95
EDC-43	Mobile Cig. Power Cable (No Filter) (All Models) (DJ-180T rqr EDH-12)	$14.95	$12.95
EDC-52	Base/Mob. Quick Charger EBP-30N, 31N, 32N	$116.00	$109.95
EDH-5	Alkaline "AA" Dry Cell Battery Case (F1T/S1T)	$24.95	$19.95
EDH-11	Alkaline "AA" Dry Cell Battery Case (DJ-180T/580T)	$26.95	$21.95
EDH-12	DC Jack Adapter (for DC to DC Oper) for DJ-180T	$19.95	$16.95
EDH-14	Alkaline ""AA" Dry Cell Battery Case (DJ-G1T)	$25.95	$22.95
ESC-15	Soft Vinyl Case for DJ-F1T/S1T (Std EBP-16N & EBP-18N batt)	$24.95	$21.95
ESC-17	Soft Vinyl Case for DJ-580T (Fits with std EBP-20N batt only)	$27.95	$22.95
ESC-18	Soft Vinyl Case for DJ-180T (Fits with std EBP-20N batt only)	$29.95	$25.95
ESC-19	Soft Vinyl Case for DJ-180T (For std & long 12V batt & 1,500 mah batt)	$29.95	$25.95
ESC-23	Soft Vinyl Case for DJ-G1T (Fits with std EBP-30N batt only)	$28.95	$23.95
ESC-24	Soft Vinyl Case for DJ-G1T (Fits with Long EBP-31N & 32N batt)	$28.95	$23.95
EME-4	Earphone/Microphone with PTT (All Current Models)	$42.95	$35.95
EME-10K	Headset/Boom Mike - Earphone, w/PTT & VOX (Current Models)	$69.95	$65.95
EME-11	Earphone/Microphone with PTT/VOX (Current Models)	$52.95	$49.95
EMS-2Z	Speaker Microphone w/split cables (All Models incl DJ-160,162,560T)	$49.95	$43.95
EMS-8Z	Remote Control Speaker Microphone, (Fits: DJ-F1T, G1T,180T,580T)	$53.95	$46.95
EMS-9	Speaker Microphone w/Lapel clip, (Fits: DJ-F1T, G1T,180T,580T)	$49.95	$43.95
EJ-12U	Sub-Tone Squelch Bd. (Decode) (F1T & S1T Only)	$55.95	$49.95
EJ-14U	50 Chan. Memory Unit for DJ-180T	$26.95	$23.95
EJ-15U	200 Chan. Memory Unit for DJ-180T	$38.95	$34.95
EJ-16U	Sub-Tone Squelch Bd. (Decode) (DJ-G1T)	$62.95	$59.95

ACCESSORIES FOR ALINCO MOBILE TRANSCEIVERS

PC-15 & 15B	15 AMP Exact repl. Power cable (Specify Model) (Exact Repl)	$15.95	$14.95
MB-110,130,570	Mounting Bracket (Specify Model) (Exact Repl)	$24.95	$19.95
EMS-3	Microphone for DR-590/599/600 (Exact Repl)	$75.95	$69.95
EHM-36A	Microphone Fits DR-110/510/112/119/1200/570 & ALR Series	$59.95	$55.95
EDC-20	Separation Kit for DR-590/599/600 (5m cable, mtng brac, cover, hdwr)	$49.95	$45.95
EJ-7U	Tone Squelch (Decode) Unit for DR-590/599/600	$67.95	$62.95
EJ-8U	DTMF Squelch Unit for DR-590/599	$49.95	$45.95
EJ-19U	100 Memory Chip for DR-130T	$39.95	$35.95

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ALINCO - EBP-7NAZ DJ-100,200,120,500T (7.2V 600 Mah)	$54.95	$49.95
ALINCO - EBP-10NA DJ-160,162,560T (7.2V 700 Mah)	$49.95	$39.95
ALINCO - EBP-12NA DJ-160,162,560T (12v 700 Mah) (13v chgr rqr)	$62.95	$49.95
ICOM - BP7 Fits Larger ICOMs - 02AT, 2GAT, 12GAT etc . (13.2V 700 Mah)	$69.95	$59.95
ICOM - BP-8 - Fits Larger ICOMs - 02AT,2GAT,12GAT etc. (8.4V 1,200 Mah)	$64.95	$59.95
ICOM - BP83A - Fits Small ICOMs - 2SAT, 24AT etc. (7.2V 750 Mah)	$49.95	$39.95
ICOM - BP-84 - Fits Small ICOMs - 2SAT,24AT, (7.2V 1,100 Mah)	$49.95	$45.95
ICOM - BP-85B - Fits Small ICOMs - 2SAT, 24AT etc. (12V 600 Mah)	$82.95	$74.95
KENWOOD - PB-6 - Fits TH-77, TH-78 (7.2V 750 Mah)	$49.95	$45.95
KENWOOD - PB18 - Fits new small Kenwoods (7.2V 1,500 Mah)	$69.95	$59.95
SANTEC - HT-1200, ST-144, ST-142 (9.6V 600 Mah w/plug)	$34.95	$29.95
YAESU - FNB-2 - FT404R, 207R, 208R, 708R (10.8V 600 Mah)	$29.95	$25.95
YAESU - FNB-4 - FT1123,1143,2005,2008 Also Wilson & Maxon (12V 750 Mah)	$49.95	$45.95
YAESU - FNB-10S - FT-470 (7.2V 1,000 Mah)	$54.95	$47.95
YAESU - FNB-26 (Late Model Yaesu) (7.2V 1,000 Mah)	$59.95	$49.95
YAESU - FNB-26S (Late Model Yaesu) 7.2V 1,500 Mah)	$69.95	$59.95
YAESU - FNB-27S (Late Model Yaesu) (12V 800 Mah)	$59.95	$49.95

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SERA Quarterly Financial Report

-by Ray Adams, N4BAQ, Treasurer

FINANCIAL REPORT FOR CALENDAR YEARS 1989, 1990, 1991, 1992, AND 1993

Dues	$6/$15	$6/$15	$6/$15	$6/$15	$8/$20
REVENUES	1989	1990	1991	1992	1993
Advertising	$10,838.50	$13,606.30	$11,928.15	$14,417.75	$19,768.50
News stand sales					3,251.55
Associate membership dues	13,826.25	10,861.50	12,451.00	15,098.65	17,044.25
Full membership dues	5,336.00	8,122.50	9,659.00	6,840.25	14,439.75
Decals	31.00	123.00	240.75	70.00	4.00
Interest	277.26	432.31	480.98	378.53	181.31
Contributions	336.40	100.00	50.00	200.00	125.00
Other	196.25	224.00	300.00	325.75	75.00
	$30,841.66	$33,469.61	$35,109.88	$37,330.93	$54,889.36
EXPENSES					
Journal distribution	$ 3,569.29	$ 2,908.64	$ 3,789.84	$ 4,663.44	$ 5,304.02
Journal production	20,869.73	18,532.47	17,341.75	25,876.87	27,084.99
Miscellaneous	153.75	147.84	96.61	- 0 -	626.56
Travel and meetings	2,424.98	1,469.98	847.86	2,561.45	3,743.82
Office expenses	1,051.70	728.97	1,478.96	1,261.05	525.04
Amortization of office machines	1,125.90	1,322.52	2,059.43	2,078.44	1,526.36
Postage - other than journal	1,696.36	1,735.72	2,372.71	3,135.27	1,732.28
Printing - other than journal	515.12	1,350.43	263.99	809.50	1,154.42
Telephone	494.04	753.91	1,439.22	1,570.05	1,531.45
	$31,900.87	$28,950.48	$29,690.37	$41,956.07	$43,228.94
REVENUE OVER (UNDER) EXPENSES	($ 1,059.21)	$ 4,519.13	$ 5,419.51	($ 4,625.14)	$11,660.42
Balances, beginning of year:					
Expenses advanced	$ 900.00	$ 900.00	$ 900.00	$ 900.00	$ 900.00
Invested in office equipment	3,026.00	3,203.60	2,749.00	4,340.50	4,475.00
Cash in Bank	5,393.35	4,156.54	9,130.27	12,958.28	8,198.64
	$ 9,319.35	$ 8,260.14	$12,779.27	$18,198.78	$13,573.64
EQUITY TO ACCOUNT FOR	$ 8,260.14	$12,779.27	$18,198.78	$13,573.64	$25,234.06
Less balances, end of year:					
Expenses advanced	$ 900.00	$ 900.00	$ 900.00	$ 900.00	$ 900.00
Invested in office equipment	3,203.60	2,749.00	4,340.50	4,475.00	2,948.64
	$ 4,103.60	$ 3,649.00	$ 5,240.50	$ 5,375.00	$ 3,848.64
CASH IN BANK	$ 4,156.54	$ 9,130.27	$12,958.28	$ 8,198.64	$21,385.42

Amateur Radio Mail Order Catalog Available

(Norcross, GA) - David Thompson, K4JRB, owner of Resource Solutions, announced the publication of the 1994 edition of the *Amateur Radio Mail Order Catalog and Resource Directory.*

According to Mr. Thompson, "the January 1994 issue marks the 4th edition of the catalog and it's bigger and better than ever, with 250+ pages, nearly 200 categories, and more than 1,600 entries of mail-order products and services for hams."

The Resource Directory portion contains a Directory of 100+ Free Catalogs, A Directory of Catalogs for a Fee, A Directory of Radio Clubs, A Directory of VECs, A Directory of Amateur Radio Bulletin Services, A Directory of Foreign Radio Magazines, A Directory of BBSs, a glossary, and more.

The publication was recently purchased from John Hart of Hart Publishing. The 1993 edition was a complete sell out due to the yeoman efforts of Mr. Hart. Mr. Thompson pledges to maintain the same high quality in future editions.

The single issue price for the 1994 Amateur Radio Mail Order Catalog and Resource Directory is $16 plus $3 postage via priority mail, or it's available at radio dealers everywhere.

For more information, or a complimentary review copy, please call or write David Thompson at Resource Solutions, 6050 Peachtree Parkway, Suite 340-228, Norcross, GA 30092. (404) 448-9836.

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RJ-02/94

WEST VIRGINIA NOTES

Repeater SERA Journal

-by Ted Wolfe, WD4KHL

Send News To: P.O. Box 133, Cabin Creek, WV 25035

Well, here it is, a new year - 1994. I hope 1993 came up to your expectations.

In October I visited my sister in Hartsville, SC, for a week. It was my first visit to Myrtle Beach and I got to see the Darlington Speedway, only 14 miles from my sister's home.

While there I worked two hams, mostly simplex. They were Hayward, KB4PWY, of Bethune, SC, a Deputy Sheriff in the neighboring county, and Eddie, KD4DVV, from McBee. One night I checked into 2-meter nets at Wilmington and Florence. But I had no luck on packet. Seems my luck is terrible with packet any time I am in South Carolina.

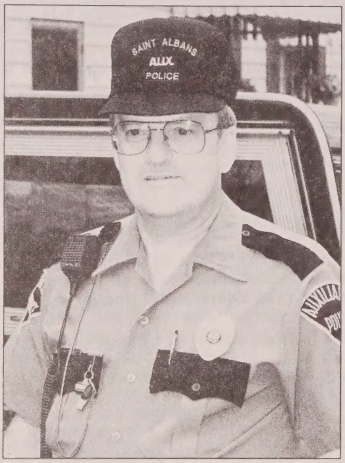
* * * * *

Jim Damron, N8TMW, from the Charleston area was also in South Carolina during October. He got to "ham it up" with actor Tom Hanks in a scene in the movie "Forest Gump" (with Hanks in the title role) shot on location in Beaufort, among other places.

Damron said it was a serious scene in which he played the part of a CBS News Correspondent on-the-scene on a bridge over the Mississippi (a bridge in Beaufort doubled for the real location). Jim does a lot of commercial radio and TV work. For over three years now he's been into full time acting in commercials, videos, and training videos. On a recent job he had to go into a local chemical plant and before being allowed to enter he had to watch a safety video--one, it turned out, that he had narrated!

Jim always has two-meter radio with him when he travels to his various jobs. Maybe you'll have an opportunity to work N8TMW sometime.

* * * * *



Doug Sweeney, N8AJC, is President for 1994 of the Kanawha ARC in the Charleston area. Doug lives in South Charleston and besides his regular job, he is also a St. Albans auxiliary police officer. Here he is, shown last summer, preparing to go assist with a public event. (Photo by WD4KHL)

For their program on Friday, Nov 5, the Kanawha ARC had the state's new 5th wheel trailer Mobile Command Post parked outside their meeting place in the South Charleston City Hall annex. What a sight, 19 antennas on the roof. Most of the various radios for many bands permanently installed inside were Kenwood commercial models. The trailer is hauled by a pickup truck with a fifth-wheel mechanism mounted in the bed. The pickup has its share of radios, too.

I spent the first hour looking at the trailer and socializing and then skipped the business meeting. So did Sam, W8NCD, and Delores, KA3GWW. We went out and had a late dinner and talked for about an hour and a half. Delores is about to lease her condominium in Dunbar and for a time move in with a son in northern Virginia. We hate to see her leave the Kanawha Valley.

* * * * *

In early november a young lady, a Canadian ham, Julia, VE3YJB, passed through the area. I heard her on 2-meters and found she was on US route 60 nearing my location, so I had her stop at a shopping mall for an eyeball QSO and a cup of coffee. I was able to offer her a map of our state and marked the route for her as she wanted to stop and see the New River Gorge bridge near Fayetteville. I also showed her how to get back on I-77 South toward Wytheville and then on to Bristol, Va. on Interstate 81. She was enroute to Memphis via Knoxville and Nashville.

I was also able to accommodate her by sending a packet message back to her mother, also a ham, in Ontario.

* * * * *

And in October I was the first connect for the new amateur packet station at South Charleston High School. The SCHSARC plans a 2-meter low profile repeater there. Coordination of the frequencies for the KB8ODO machine is underway and most of the components have been collected. The packet station, by the way, usually has either N8ZJB or N8YYM call on it.

* * * * *

Jerry LaPere, N8URQ, a young minister who recently moved from the Charleston area to a new pastorate in Roane County called me on the telephone when he got his new multi-mode tnc but we were unable to effect a connect that night. I did connect with him, however, the following day, a Saturday, after he had redone his cabling. Now that he's gotten his feet wet on packet I hope to see his call more often on my monitor screen.

* * * * *

I returned from South Carolina, rested a day, then had my 2-meter rig on early on Sat., Oct 23, to listen to the linked repeater coverage of another amateur ATV balloon launch from the Huntington area. The net started at 8:00 a.m. and I was still listening to some die-hard chase team members at 10:30 p.m. I was not up when they found the balloon and payload around 2:00 a.m. near a road intersection in rural Nicholas County. They wouldn't give up as long as they were able to pick up the beacons on 2 and 10 meters, which finally led them to the landing site.

That's about all I'll write about that event for I covered an earlier launch in the Journal in some detail in a previous issue. But I will say it was fascinating just to listen to the ham chatter while chasing down the balloon. My feet won't allow me to do a lot of hiking but the younger hams apparently enjoyed the chase.

* * * * *

The Jackson County ARC used as the scenario for its 1993 Simulated Emergency Test, BUBBA II, a simulation of the first "Bubba." That was the name some amateurs hung on the actual blizzard we experienced last March. They arrived at that name, it seems, because the storm began in the South and spread up through the East and Bubba was a good southern name that denotes strength.

Various hams simulated from their homes different locations such as the state EOC, the Jackson Co Sheriff, a Red Cross shelter, the Meigs Co, Ohio, EOC, the NTS system, etc.

Rick, NO8G, for example for the test from his home played the role of the Mason County EOC. The club newsletter didn't mention the date this was done but it was to be reviewed at the club's Nov. 4th meeting.

Among those participating were: Tony, N8OHB, and Brenda,KB8PTB; Joe, N8UXE; Les, WB8SNO, and Naomi, N8PJK; Clark, W8TN; Art, W8PBO, and Millie, N8GLB; Deb, N8ZYB. Hope I didn't miss any names and

Continued on Page 41

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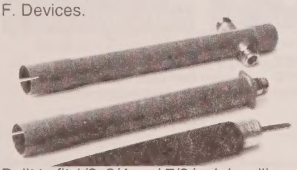

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tales from the happy hamett

(Ham Radio from the Ladies Perspective!!)
-by Cindy Rogers, KD4EVS

Oooooohhhh!!! It's HAMFEST time again. HAMETTES!! Organization is everything. Deception of and for the male HAM necessary at the Hamfest for smooth buying. Getting the gorgeous little radios and computers in the trunk without him seeing them will take our usual skills.

You see, the male of the Amateur Species is just that -- AMATEUR -- when it comes to us HAMETTES! 'Cause we are PROFESSIONAL at SHOPPING. Since I have gotten into the world of radio buying, I have been so surprised at how things are beginning to change for all HAMS.

All that is needed, I now see, is a few, well-placed professional shoppers -- HAMETTES -- to get those Hamfests in line. Oh, if we coue only get some of the prices down! HAAAAVE MERRRRCY!

Now, we have money-spending, card-charging, sharp-eyed, take-no-junk-offa-some-jerk-dealer HAMETTES. There are more and more technically smart HAMETTES that have entered the buyers foray. As adorable as the male HAM is, he just doesn't shop with the same in-your-face buying that we are so skilled at doing., Lord help the dealer who messes with an unhappy HAMETTE.

I also had a couple of gentlemen at a leading manufacturer tell me that us HAMETTES have REALLY, SERIOUSLY made a difference in their business; that women demand buttons work, radios are more ergonimically-Rodham-correct and warranties enforced or ELSE. I think Alinco and Yaesu made the new small radios so HAMETTES can carry them in their purses. And I can, personally, say that there are two men at Yaesu that audibly and physically scatter when they hear my voice. I have been told by many HAMS that many positive changes at HAMFESTS have begun; yet, there is a looong way to go. Ah, HAMETTES, a whole NEW PLACE TO SHOP!! To heck with the mall, I am going to a Hamfest and see if I can find myself a cute little 2M rig to match my new car.

Maybe something in a honey beige mobile with a matching mag mounted antenna with some bronze connectors.....Wheeeeeeeee!!!!

*****

Now, about redecorating those big old antennas this Spring . . . Seriously, make sure that all outside antennas are stable, properly grounded, and safe. Lightning season is coming upon us in a few months, and us HAMETTES share the responsibility for radio and antenna safety. Even though your antennas have been fine for years in your yard, there is such a thing as weather, wind, and wear.

Now that the weather is getting better, make plans to do some maintenance on your antenna farm.

Get rid of any corrosion that you can with some of the new removers that might be safe to use. Check the guy wires on your tower. Shore up gravel that is around the base. Make sure you and your ole HAM make your antennas, radials, beams and towers safe for both of you hams to continue to enjoy.

And it didn't hurt the old man HAM to get "aired out" in the yard. Hey, men, you really thought I was going to tell the HAMETTES how to decorate the antennas for Easter, didn't you? April Fool! Of course, we'll talk REAL decorations next Christmas!

HAMETTES - You can write me if you wish: Cindy Rogers, KD4EVS, 545 Waterbury Drive, Fayetteville, NC 28311-1563. See all Ya'll in the May Journal.

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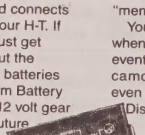

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WEST VIRGINIA NOTES CONTINUED

calls from the newsletter. Dick Tennant, N8PEK, is the Jackson County ARES EC.

New JCARC ham members of the Ripley club admitted at the October business meeting were: Steve Hughes, KA8AUW, Spencer, WV; David Cole, KB8PGO, Middleport. Ohio: Deb Tennant, N8ZYB, Cottageville, WV; and Brenda Zahrndt, KB8PTB, Millwood, WV.

The club's November newsletter indicated all equipment has been acquired for the new club packet node to replace QRZ on 145.090 Mhz. The new alias will be JCO with the club call WD8JNU-9. The Chat function is on the node. QRZ on 145.63 provides a path to the DX cluster.

* * * * *

The July-August issue of the WVAR (West Virginia Amateur Radio, Inc.) NEWS reported a team of WVAR volunteers cut weeds, cleared brush, and picked up debris at the Coal Mountain 147.27 repeater site. The cleanup team organized by Karl Yeager, KB8LMW, consisted to Don Craig, KA8KVD; J. D. Craig; Danny, K8WOG; Tom Hull, KF8WX; and John Mills and his son. Weeds were cleared around the building and tower as well as along the access road into the repeater site.

Another clean-up party was being organized at the time to do the same at the club's other repeater (on -145.410 Mhz) site at Liberty, WV.

The same issue included some usage statistics for the 147.27 repeater in August, 1993. There were over 63-thousand key-ups, the repeater was in use a total of 14,123 minutes, and handled 244 auto patches, seven mailbox messages, 2,479 Command entries (for time, temperature, etc), accommodated eight Emergency auto patches and had a total minute timeout of 13. The WVAR repeater is one of the heavily used machines in the area.

* * * * *

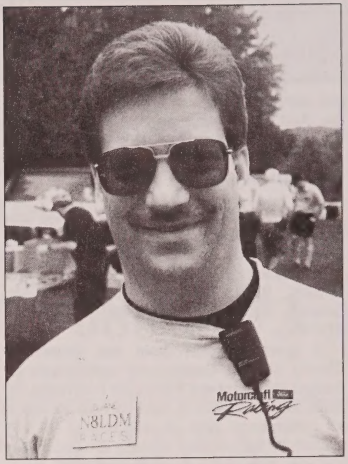
I recall reading recently where the statewide DAREN (Digital Amateur Radio Emergency Network) weekly Saturday night net has now passed its one year mark. New nodes are being added all the time. Eventually it is hoped that there will be a DAREN node in each of the state's 55 counties operating on 145.690 Mhz. This story needs to be written up for the national ham magazines.

* * * * *

KARC's "Splatter" publication fall issue notes there will be 33 new amateurs on the local airwaves soon as a result of the all-day Crash/Cram course given at the C & P Telephone Company's office building in Charleston on Oct. 2nd. Instruction was provided by seven area amateurs who reviewed elements 2 and 3A with 41 students prior to the examinations by a separate Volunteer Exam Team. In addition to the 80% pass rate, there were six others who received CSECs for one of the elements, and there was one upgrade to Tech class.

That was the second Crash/Cram course to be given within a three month period. The first was in July consisted of 53 prospective licensees. Of those, 43 were licensed as a result of passing the required elements.

It is interesting how this one day course came about. Jimmie Hewlett, WD8MKS, said the idea came from an ad that he saw in one of the ham magazines offering a No-Code Technician class one-day training session for $195. Jim said while he and Jack Kibler, K8WMX, were cutting grass one day at the Dry Ridge repeater site they discussed the ad. He stated "We thought this was rather ridiculous to charge that kind of money but we wondered if the concept of a one day training exercise/examination could be accomplished in this area."



Duane, N8LDM, a member of the Parkersburg RACES group, is another of the early and steafast promoters and supperter of the DAREN (Digital Amateur Radio Emergency Network) across WV. (Photo by WD4KHL)

Out of that discussion came the organization of a team for reviewing the various sub-elements with Crash/Cram course attendees. A trial run was attempted with a handful of participants and the scheme blossomed into the program here. As I understand it, the only cost for attendees is the usual fee for an examination -- to cover the cost of the paperwork.

Volunteer instructors for the Oct. 2 session were: George Kesterson, KA8ETE; Mac McMillian, WB8OZT; Ron Haynes, KB8HWI; Dave Ellis, K8MBH; Jack Kibler, K8WMX; Gary Kibler, KF8PL; Hal Turley, KC8FS. The local W5YI VE team which administered the exams after the review were: Jimmie Hewlett, WD8MKS; Olie Rinehart, WD8V; and Chuf Goodwin, N8CG. Also on hand to lend assistance as needed were Paul Ennis, KB8IWY, and Jess Jessup, N8LFM. I heard there might be another session in late December, but I received no notification of this. I have not heard any results from such a session if, in fact, it was held. You fellows have to write and let me know what is going on.

This is an idea other clubs might pick up and try in their areas. Maybe we can keep the ham population growing (with the average age of all hams coming down). Anyway, it's something to think about.

* * * * *

Jason Moore, AA8HU, a high school sophomore at Capital High in Charleston, who hopes to attend the USAF Academy,

Concludes on Next Page

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WEST VIRGINIA NOTES CONTINUED

has corresponded with the other academies, too. And in mid November he was invited to the USMA at West Point to spend a day as guest of the Corps of Cadets and for a tour of the school.

*****

The SWVARC was asked to assist with the Humana 10K race and Lewisburg TOOT (Taste Of Our Town) in October. Among those assisting were Gary, WV8D; Herb, KF8ZH; Bill, KB8NWU; Mike, KB8NWV; Charlie, K8DRK; Dave, NY8G; and Paul, KD8WY.

A guest speaker from the Greenbrier County Sheriff's Department made photo ID badges for members interested in emergency work. He also gave a talk on how to report an emergency and in support of a 911 system in the county. A class on hazardous material was given in November and members are working on an emergency communications plan which they hope to have in place early in 1994. A three-club Christmas party was held Dec 17 at the Greenbrier Valley airport Ranch Room attended by about sixty family members. The SWVARC was joined at the event by the Monroe County and Summers County Amateur Radio Clubs.

The ID on the SWVARC 146.730 repeater has been changed from WA8AVZ to WB8SPW. And the New Guinea trip for the Hersman family has been delayed until spring at least.

*****

Bill Loftus, N8RKU, and Chris Cavender, KB8PPZ, have been organizing a bus for transportation to the Dayton Hamvention in April. And while registration for the $45 round trip excursion (fare, plus continental breakfast and admission to Hara Areaa) ends on Feb 1, Bill and Chris will still take phone calls--there may still be room on the bus to accommodate others. Call Bill at (304) 949-6727, or Chris at (304) 776-3469.

*****

A number of awards were presented at the TSRAC 1993 Recognition Dinner. The club named Rev. Doug Douglas, N8SAQ, "Amateur of the Year;" Jerry Knight, KB8KFL, TSRAC 1993 "Service Award" winner; and Certificates of Merit were presented to Mike Woloszyn, WD8BMP; John Demuth, K8CQA; Doris Morris, N8QFM; Tommy Heise, N8VUN; Tom Heise, N8WUV, for service as announcers and script writers for the TSRAC Amateur Radio News Net. John Hoffer, W8CWY, was honored for 63 continuous years of Amateur Radio activity with the same call. Four certificates of appreciation went to: Elizabeth Harris, KB8BUZ; David Patterson, KB6UU; Allan Crowther, AI8T; and Robert J. Simpson, KA3ZLA.

*****

Fred Jones, WA4SWF, advised by packet that he had given up the 146.13/146.73 frequency pair and WA4SWF/R is off the air and will not return. Fred said he would use the site for three packet nodes.

Duane Jones, N8LDM, at Parkersburg passed on to me via packet an item written by Leo Pabst, WA8BMZ, Assistant EC for Wood County, which I have to edit further to include here.

Basically it was the story of Wood County Amatuer Radio operators who have, for more than a decade, provided communications support for the annual Parkersburg Christmas parade. The support request was renewed in 1993 by parade coordinator Ann Masten, and was answered by 22 amateurs and one non-ham volunteer. Those helpful hams were:

Rick, KB8KSB; Ken, WA8LLM; Curt, K8UC; Larry, WD8JCO; Bill, N8JXO; Jim, K8BOT; Roy, N8OYY; Wanda, N8TGF; Judy, N8UFQ; Jerry, KA8NJW; Karen, KB8NSA; Bill, N8KMN; Irene, N8KYP; Rory, KB8MDN;

Leo, WA8BMA; Blaine, WA8IOE; Mary, KB8BOA; Mark, K4BDI; Larry, KF8NW; Earl, KB8HRG; John, N8NBL; Ken Riffle (call pending); and Susan Woody.

*****

On a sad note, I checked into the DAREN net early in October when the NCS was located at the Preston County, WV, Buckwheat Festival in Kingwood. About a month later I received a certificate for that contact. The certificate bore a picture of Silent Key KE8NO, 1931-1993, John (Jack) Wills.

It was in that manner that I learned of Jack's passing. We had attended Logan Jr High School together in the early 1940's. We lost touch after his college years in Fairmont and our paths didn't cross again until we met at a WV Hamfest at Jackson's Mill in the late 1980's. We corresponded once since then. His letter brought me up to date on the missing years and filled me in on his marriage, his children, etc.

Jack had put in more than 30 years as a teacher, administrator, a volunteer for many activities, and over 20 years in a military reserve band. He was an excellent trumpet player.

It's sad to lose touch with a friend and then learn of his or her passing. Mrs. Wills later sent me a long letter detailing his illnesses following their retirement from the school system in 1989. It's a loss I mourn.

*****

New officers for Kanawha ARC to serve in 1994 are: Doug Sweeney, N8AJC, President; Walt Dudley, KF8TC, V. Pres; Starla Felix, N8ZXO, Secretary; and Bill Hunter, K8BS, as Treasurer again. They were installed at a 6:00 p.m. meeting at Rose City Cafeteria in South Charleston on Saturday, Jan 8.

Reporting on this year's "Festival of Lights," which ran Dec 10 thru 23rd, Doug reported 11,427 cars drove the course, including 1250 -- the highest for one night -- on Sunday, Dec. 19. This year there were 140,000 lights compared to only 58,000 last year. License plates were logged from 37 states, including Alaska and Hawaii. The event was also featured on five pages, including the center fold, of a recent issue of WILD, WONDERFUL WEST VIRGINIA Magazine. Thirty-five hams worked the Festival, too many to list here. The figures cited do not include the final two nights of the Festival, Dec 26th and 27th.

*****

And KARC has become the sponsor of the 145.15 repeater which was originally put on Bee Mountain several years ago by a number of hams employed by Appalachian Power Company. The repeater has had its ups and downs, often silent. One ham still involved with the machine, Bill Pinnell, K8HDB, ran into Sam, W8NCD, during December and during their conversation Bill said they were ready to pass the machine along to any group who could keep it on the air. Sam immediately got Bill in touch with Doug, who brought the machine to his home. At the December KARC he gave it to the KARC and Kanawha Emergency Services and the club agreed to assume sponsorship and have recoordinated the frequencies with the expectation of getting it back on the air soon with a new controller and a solid state radio to replace the old tube type repeater. I'll have more on that when they finally get it operational.

*****

And a reminder, some of those ten year licenses begin to expire about now so be sure to check to make sure your license doesn't lapse for failure to renew.

*****

And with that I complete this February column on the day after Christmas. All that is left to do now is make up the photo captions for the pictures I will submit with this column. May 1994 be good to you! Till next time, in May, then -- 73, de Ted.

The Journal Likes Pictures-Stories

If your repeater group, or club has a story to tell that would be interesting to our 8-states of readers, why not write it up and send it in. For stories, typewritten copy, or on 3-1/2 or 5-1/4 computer disc in ASCII or your favorite word processing program. Photos can be color or B & W. No negatives. Send them to the Journal editor. (pg. 1)

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_____ Outside Tailgating @ $3.00 per vehicle $ _____

_____ Covered outside space @ $10.00 (see below) $ _____

_____ RV Parking or Hookup @ $10.00 per night $ _____

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Mail along with SASE to:

Forsyth Amateur Radio Club, Inc.
PO Box 11361
Winston-Salem, NC 27116

Pre-registrations without SASE or received after May 25 will be held at the gate.

Covered outdoor spaces in the tailgating area are designed as food service areas and include a built-in large concrete table approximately 18 inches by 8 feet. (Fairground regulations do not permit the sale of food or beverages by unapproved vendors!) There is not room for a vehicle near the space and there may be limited access behind the spaces. The maximum number of ajoining spaces is four. There are a limited number of these spaces and they will be sold on a first-come, first-served basis.

For Dealer Information contact:
Don Edwards, WB4KQN
Hamfest Chairman
(910) 723 7388

The SERA Repeater Journal

VE/VEC EXAMINATION SCHEDULE

The VEC/VE Exam schedule is published Free as a public service of SERA. Schedules are supplied by individual VEC/VE teams. For quarterly changes, or additions, write the Repeater Journal Editor. SERA cannot assume any responsiblity for errorious or outdated listings other than typographical errors. *Last Updated: 1-19-94*

Arkansas

Trumann (WCARS-VEC)
Exams 1st Tues. eve 7:00 PM of each quarter at Cedar Park Ele. School. Apr. 5, Jul. 5, Oct. 4. Contact: Al Fisher, NI5A (501 483-6530. Alternate: Fred Jaynes KI5B (501) 483-6602. Talk-in on 145.23.

West Memphis WCARS-VEC
Walk-ins 2nd Sat. each month at 9:00 a.m. at the Rosewood United Meth. Ch. Sked: Feb. 12, Mar. 12, Apr. 9, May 14, Jun. 11, Jul. 9, Aug. 13, Sep. 10, Oct. 8, Nov. 12, Dec. 10. Call: Rev. Richard Gregory, AB4CH, (501) 735-4060 or Steven Gatten, KJ5DA, (501) 739-4767.

Georgia

Augusta, ARRL-VEC
Walk-in exams 2nd Saturday, even months at Fort Gordon, Bldg. 20301 at 9:00 a.m. Sked: Feb. 12, Apr. 9, Jun. 11, Aug. 13, Oct. 8, Dec. 10. Contact: Ace Norton, NA4I (706) 798-5060.

Augusta WCARS-VEC
Walk-in exams on 2nd Saturday Odd months at Daniel Fields Airport Gen. Aviation Office. Code at 10 a.m. Written 11 a.m. Sked: Mar. 12, May 14, Jul. 9, Sep. 10, Nov. 12. Contact: Ed Butorajac (404) 798-1918.

(Metro Atlanta Area Examinations)

Lawrenceville W5YI-VEC
Walk-in exams 1st Sunday monthly at 2:00 p.m. at Jackson EMC, 461 Swanson Rd., Lawrenceville. Contact Duane Reynolds, WB2YAD, 962-9582.

Peachtree City CA-VEC
Walk-in exams 1st Saturdays at 9:00 a.m. at Peachtree City - City Hall. Take exit 12 off I-85. Contact Mike Murphy, KB4KZY, 487-7494.

Roswell CA-VEC
Exams 1st Monday of each month at 7:00 p.m. at the St. Ann Catholic Church, 4905 Roswell Rd., Marietta. For info, contact: Delaine McCarthy, KM4FV 993-9758.

Stone Mountain CA-VEC
Walk-ins 2nd Saturday of each month, at 8:30 a.m. at Stone Mt. Methodist Church, Contact Hal Martin, KI4RD, 469-6430.

Southern Tech CA-VEC
Walk-ins 3rd Saturday each month. 9:00 a.m., Southern Tech, Rm 4310, Academic Bldg.. Call Hal Martin, KI4RD, 469-6430.

DeKalb County CA-VEC
Walk-ins 4th Thurs. at 7:00 p.m. at DeKalb Co. Police, E. Precinct, Lithonia. Call Harvey Pearson, WB4PHF, 972-5061.

North Atlanta ARRL-VEC
Walk-ins 4th Sunday monthly, 2:30 p.m. at Church of the Atonement, Highpoint Rd. Call Neil Foster, KC4MJ, 449-3340.

Dalton WCARS-VEC
Pre-Reg. exams Last Saturday even months at Unity Baptist Church at 3:00 p.m. Sked: Feb. 26, Apr. 30, Jun. 25, Aug. 27, Oct. 29, Dec. 24. (Dec. date may be changed) Contact Bert L. Coker, N4BZJ, (706) 259-5625 or Harold W. Jones, N4OTC, (706) 673-2291.

Indiana

New Albany, WCARS-VEC
Walk-ins 3rd Sat. of even months 10 a.m-2 p.m. at Ind. Univ. South. Sked: Feb. 19, Apr. 16, Jun. 18, Aug. 20, Oct. 15, Dec. 17. Call Dick Truax, K8GVU, (812) 246-6377 or "Mac" McCrory, NM9A, (812) 944-6661.

Kentucky

Middlesboro WCARS-VEC
Walk-ins 2nd Saturdays odd months at Middlesboro Library. Feb. 12*, Mar. 12, Apr. 9*, May 14, Jun 11*, Jul. 9, Aug. 13*, Sep. 10, Oct. 8*, Nov. 12, Dec. 10* (*May be limited to exams not higher than Technician) Call: Andrew A. Pitt, WB8WEZ, (606) 248-0046 or James Dyke, KZ8A (615) 869-4453.

Mississippi

Gulfport ARRL-W5YI VEC
Exams held at Harrison Cty. Courthouse in CD conf. room at 8:00 a.m. Call: Stan Hecker, AA4SP 875-9341,d 875-0222, n.

Ocean Springs ARRL-W5YI VEC
Exams at 7:00 p.m. at Ocean Springs Library in meeting room. Pre-reg req, limited walk-ins accepted. Contact Stan Hecker, AA4SP (601) 875-9341 day and 875-0222 nights.

North Carolina

Asheboro VE Team
Exams quarterly at Belfour Baptist Church, 1642 N. Fayetteville St. and at other times warranting an exam session. Contact: Dwight Ayers, N4ZRT, P.O. Box 246, Cedar Falls, N.C. 27230. (919) 629-5516.

Asheville WCARS-VEC (Two Diff Sessions)
Walk-in exams at 9:00 a.m. Saturdays on Apr. 23, Jul. 23, Oct. 22 at AB Tech, Elm Bldg. Contact Norman G. Harrill N4NH, (704) 253-1192. ALSO exams 2:00 PM Sunday on Feb. 20, May 15, Aug. 21, Nov. 20. Contact Lewis Lynn, AC4WI (704) 684-3424 or Don Lovelace, (704) 765-5311.

Charlotte ARRL-VEC
Exams quarterly in Feb., May, August & Nov. Call: Rob Rochelle, WA4DAZ 845-3099 or Mary Hunt, KA4EXP 845-9429

Charlotte Charlotte-VEC
Monthly walk-in exams at 9:00 a.m. Saturdays at Gaston Cty library, Gastonia. Contact Charlotte VEC, (704) 596-2168.

Durham
Walk-in Exams 2nd Saturday of odd months. For additional info: SASE to AB4VJ, P.O. Box 61971, Durham, NC 27705.

Greensboro W5YI-VEC
Walk-in exams 2nd Tues. of each month, at Fairview Rec. Center on Fairview St., Registration at 7:00 p.m. For info: contact: Diane Morton, AD4BQ (910) 373-1160 or on 224.82 repeater or call Real Talk (910) 299-2525, Prompt 0076.

Hendersonville W5YI-VEC
Blue Ridge Chap. QCWA team has Walk-in exams at Blue Ridge C.C. 2:00 p.m. Walk-ins welcome, reservation req. Contact W2YTO at 891-4359.

Fayetteville CFARS ARRL-VEC
Walk-in exams 2nd Sat. of odd months at Methodist College in Science Bldg. Regis. 9:00 a.m., testing 9:30. Contact CVE Fred New KN4SS at (919) 497-6589.

Hendersonville B.R. Chap. QCWA W5YI-VEC
Walk-ins allowed, ctsy of reservation req. for exams Mar. 6, Jun. 5, Sep. 11, Dec. 4 at the Blue Ridge CC at 2:00 PM Call: W2YTO (704) 891-4359.

High Point TEARC-VEC
Exams occasional basis. Call Jim Williamson, NQ4T at (910) 841-7576 for more details. Sessions avaiable for 5 or more.

Kernersville TEARC-VEC
Exams 1st Sat. monthly, 9:00 a.m. at Kernersville Public Library. Call Jim Williamson, NQ4T at (910) 841-7576.

Leicester WCARS-VEC
Walk-in exams 2nd Saturdays each quarter. at 9:00 a.m. at Leicester VFD on Hwy. 63, (Asheville). Mar. 19, Jun. 11, Sep. 10, Dec. 10. Call: Larry E. York, WB4PLA, (704) 683-1400.

Marion WCARS-VEC
Walk-ins at Asheville Federal Bank, Main St. Apr. 9, Aug. 13, Dec. 10. . Call: Cecil D. Potter, WB4UCF, (704) 724-4007.

Moorehead City CCARS VE
Pre-register preferred, limited walk-ins, exams 3rd Sat. of odd months at 1st Presby. Church, 9:00 AM. Call: Art Sylvester (919) 726-1205

New Bern WCARS-VEC
Walk-in exams held at New Bern High School at 9:00 a.m.. For schedule, contact: Andy Griffith, W4ULD, (919) 726-5924 or (919) 247-0967.

Raleigh
Exams 1st Wednesday of even months. Pre-register by mail with SASE to AA4MY, 220 Carriage Trail, Raleigh, NC 27614.

Rocky Mount ARRL-VEC
Tar River ARC conducts walk-in exams 9:00 a.m. at Rocky Mount Childrens Museum, Sunset Park. Call: Bill Thomas, WF2G, (919) 442-6131. Talk-in on 147.12 or 224.22. Sked: Mar. 26, May 28, Jul. 23, Sep. 24, Nov. 26.

Rutherford County WCARS-VEC
Exams at Isothermal Col. in Spindale 3rd Saturday, 1st Month of quarter. Sked: Apr. 16, Jul. 16, Oct. 29. Call: A.B. Brackett, KO4BJ, (704) 245-6344 or F. Bruce Tessinear, KD4OJ, (704) 657-5464.

Salisbury W5YI-VEC
Exams 2nd Sunday each month, 1:00 p.m. Rowan County Public Library. Call: Isabelle Ledford, AB4UX, (704) 284-2414.

Smithfield (ARRL-VEC)
Triangle East ARA 3rd Sat. monthly. Write TEARA VE, POB 255, Smithfield, NC 27577 or call Peter Hulth, N4SXG, 934-8927 or Dave Hockaday, WB4IUY, 291-8451

Spruce Pine WCARS-VEC
Walk-in Exams at Burnsville Public Library at 9:00 a.m. Feb. 12, May 14, Aug. 20, Nov. 12. Contact: David McCarty, KK4PW, (704) 675-9044 or David L. Gillespie, WA4LLR, (704) 675-9942.

Wilson VE Team
Pre-regis. exams 3rd Sat. Feb. 19, May 21, Aug. 20, Nov. 19, at Wilson County Library Conf. room at 9:00 a.m. Call Tommy Evans, NE4J at (919) 291-1738 nights, 237-1898 days.

Schedule Continues on Next Page

Western Carolina Amateur Radio Society/VEC, Inc.

An Amateur Radio Volunteer Examiner Coordinator

WANTED! VE TEAMS!

Now that Novice testing has moved into the VEC program, WCARS/VEC believes we must do our part to become more visible. We are particularly interested in seeing every Amateur Radio Club in America have at least one accredited VE team within its membership.

If you or your club are interested in forming a VE team, WCARS/VEC is ready to help. If you would like to join us, contact any of the WCARS/VEC persons below:

Win Guin W2GLJ
2138 Sonning Dr.
Germantown, Tn. 38138
(901) 754-4552

Ray Adams N4BAQ
5833 Clinton Hwy, Suite 203
Knoxville, Tn. 37912
(615) 688-7771

Norman Harrill, N4NH
7 Skylyn Court
Asheville, NC 28806
(704) 253-1192

John Chism, ND4N
206 Lanewood Drive
Greenville, SC 29607
(803) 297-1617

WE'RE LOOKING FOR A FEW GOOD VE TEAMS!

VE/VEC EXAMINATIONS

CONTINUED FROM PREVIOUS PAGE

Yadkinville VE Team
Walk-in exams by Bear Creek ARC 2nd Saturday of each month at the Yadkinville Elementary School on Rt. 601 at 10:00 a.m. Call Steve Hutchens, N4DEY at (919) 961-8741.

South Carolina

Charleston ARRL & W5YI VEC
Walk-ins only exams 3rd Saturday each month at 9:00 a.m. at Trident Tech College in N. Chas. Even months are W5YI exams, odd months, ARRL. Contact: Ed Frank, KC4OOZ at 871-4368.

Columbia, WCARS-VEC
Walk-in exams 3rd Sat. even months, at the Red Cross Bldg., Bull Street and Harden Ext., 8:30 a.m. Sked: Feb. 19, Apr. 16, Jun. 18, Aug. 20, Oct. 15, Dec. 17. Call Ray Rogers, N4WR, (803) 345-3373.

Greenville WCARS-VEC
Walk-in Exams 1st Saturday monthly at The Red Cross Bldg. on Grove Road 8:30 a.m. Sked: Feb. 5, Mar. 5, Apr. 2, Apr. 30 at Greenville Hamfest, Jun. 4, July 2, Aug. 6, Sep. 10, Oct. 1, Nov. 5, Dec. 3. Contact: Sue Chism, ND4N, (803) 297-1617 or Jim Beach, AC4RJ, (803) 244-3797..

Lancaster W5YI-VEC
Pre-Regis, or Walkins. 9:30 a.m. USC, Main Bldg. Talk-in: 10-70. Call Grady Robinson, 283-8298.

Spartanburg WCARS-VEC
Exams 2nd Tuesday even months 7:00 at Red Cross Bldg. on Garner Road. Sked: Feb. 8, Apr. 12, Jun. 14, Aug. 16, Oct. 11 Call: Pete Theiler, KI4KN, 585-4919 (n) 578-5566 (d)

Sumter WCARS-VEC
Walk-in exams 3rd Saturday 8:30 AM odd months at the Abundant Faith Church on Hwy. 521. Sked: Mar. 20, May 14, Jul. 16, Sep. 17, Nov. 19. Call Dan Mask WB5SGH, (803) 775-9106.

Tennessee

Blount County, Maryville WCARS-VEC
Walk-in exams 2nd Monday even months at 7:00 P.M. at St. Andrews Church Hall. Sked: Feb. 8, Apr. 11, Jun. 13, Aug. 9, Oct. 10, Dec. 12. Contact: Carrol Peabody, W4PCA, (615) 982-5839. Talk-in on 146.655.

Carter County WCARS-VEC
Usually 4th Friday odd months 7:00 p.m., Carter Cty. Airport Elizabethton. Pre-reg. is rqr day before tests. NO walk-ins. Sked: Mar. 25, May 20, Jul. 22, Sep. 23, Nov. 25. Call Joe Hopkins, K4BKI, 543-4022 or Jon Christiansen, AB4NN, 543-7155 or Jon Christiansen, AB4NN, 543-7155.

Chattanooga CARC ARRL-VEC
Pre-Regis. exams monthly except July and Nov. at Red Cross bldg. McCallie Ave. at 6:00 p.m.. Contact: Art Parry, WB4BGX (615) 886-4714

Chattanooga WCARS-VEC
Walk-in exams first Monday odd months at Walker County (Ga.) Civic Center, Hwy. 27, Rock Springs, Ga. at 7:00 p.m. Sked: Mar. 7, May 2, Jul. 4??, Sep. 5, Nov. 7. Contact: Alan Painter, WA4QCH, (706) 866-1200 or Dale Harwood, N4VFF, (706) 937.5680.

Fentress County WCARS-VEC
Walk-in exams 3rd Thur, 1st month of qtr, 7:00 p.m. at First Baptist Church of Jamestown. Sked: Apr. 21, Jul 21, Oct. 20. Note: Elements administered may be limited to Technician at some sessions. Call: Mike Ledbetter, AB4BX, 879-8626 or Fred Davis, K8DOC 879-9268.

Gallatin WCARS-VEC
Exams are sked occasionally at the Red Cross Bldg. at 6:30 p.m. For info call Ronnie L. Gilley, KA4LUG (452-0883 or Jerry Goodchild, K4DZR 824-7699.

Greeneville WCARS-VEC
Walk-in exams 4th Saturday odd months at Roby Adult Center on College St. Sked: Mar. 26, May 21, Sep. 24, Nov. 26. Contact: Jack Creed, K4EPC, (615) 638-7056.

Henry County WCARS-VEC
Walk-ins every 6 weeks at 9:00 a.m. at Henry County HS, Paris. Sked: Feb. 19, Apr. 2, May 14, Jun. 25, Aug. 6, Sep. 17, Oct. 29, Dec. 10. Call Mackie Gallimore AA4YF, 247-5489 or Les Merrell, KQ4F, 642-5966.

Jasper WCARS-VEC
Pre-Reg. req., some walk-in (exams limited), 2nd Sunday at Jasper Public Library 1:00 p.m. Sked: Feb. 13, Mar. 13, Apr. 10, May, 8, Jun. 12, Jul. 10, Aug. 14, Sep. 11, Oct. 9, Nov. 13, Dec. 11. Call Charles Wooten, KD4XX, 942-5116 or Wallace S. Brown, KD4XV, 942-2836.

Johnson City WCARS-VEC
Exams 3rd Saturday even months at 10 a.m. at ETSU, Room 223. Reg. 1/2 hr. prior. Sked: Feb. 19, Apr. 16, Jun. 18, Aug. 20, Dec. 19. Contact Charles Hensley, AC4QF, 743-5144 or C.V. Jayne, Jr. W4NHT, (retired) (615) 282-5822.

Knoxville WCARS-VEC
Pre-Reg. til 9:30 a.m. Code 10 a.m., written 11 a.m. 3rd Saturday of month. Pellissippi State Tech. Room B-129. Sked: Feb. 5 at Kerbella Hamfest, Mar. 19, Apr. 16 at Oak Ridge Hamfest, May 21, June 4 at Knoxville Hamfest, Jun 18*, Jul. 16*, Aug. 20*, Sep. 17*, Oct. 15*, Nov. 19*, Dec. 17* (*Tentative schedules) Call: Ray Adams, N4BAQ, 688-7771. Alt. Rich Slover, ND4F, 539-4821.

McMinn County WCARS-VEC
Walk-in Exams 2nd Monday 8:00 p.m. odd Month, at Athens Municipal Building Council Chambers. Sked: Mar. 14, May 9, Jul. 11, Sep. 12, Nov. 14. Contact: Evan Ray, WA4PNI (615) 263-9300.

Memphis WCARS-VEC
Walk-in exams 3rd and 4th Sat. of month at 9:00 a.m., Central Church on Winchester Road. Sked: Feb. 19 & 26, Mar. 19 & 26, Apr. 16 & 23, May 21 & 28, Jun. 18 & 25, Jul. 16 & 23, Aug. 20 & 27, Sep. 17 & 24, Sep. 17 & 24, Oct. 15 & 22, Nov. 19 & 26, Dec. 17. Contact: Stan Moore AC4CQ 795-5923 or Russ Summers, KD4JUD 755-0539.

Morristown WCARS-VEC
Walk-in exams at 7:30 pm last Thurs. of month at Red Cross Bldg. Feb. 24*, Mar. 31, Apr. 28*, May 26, Jun 30* Jul. 28, Aug. 25*, Sep. 29, Oct. 27*, Nov. 24, Dec. 29* (*elements may be limited to Technician exam. Contact: John Hall AD4JB (615) 581-4227.

Roane County WCARS-VEC
Walk-in exams 2nd Sat. even months, Rockwood Library. Sked: Feb. 12, Apr. 9, Jun. 11, Aug. 13, Oct. 8, Dec. 10. Call Richard Spille, AA4KS, 354-4281, or Bill Smelcer, KA4AAD, 882-9070.

Virginia

Bedford ARRL-VEC
Walk-ins 2nd Sunday, 2:00 p.m. at Liberty Lake Park Admin. Building. Info, Call Bob Treacy, W2QZY (703) 297-5351

Danville W5YI-VEC
Walk-in Exams last Tuesday of month at Danville Community College, Hill Building. Registration starts at 6:30 p.m. Contact Jim Thomas, KB4XK (919) 234-8938..

Richmond ARRL & W5YI VEC
ARRL exams held 2nd Saturday, even months at J. Sargeant Reynolds Comm. College at 9:00 a.m. Sked Feb. 12, Apr. 9, June 11, Aug. 13, Oct. 8, Dec. 10th. Contact Rick Cook, AB4U (804) 798-5048. W5YI exams held 2nd Saturday, odd months 9:00 a.m. at McGuire General Hospital. Sked: Mar. 12, May 14, Jul. 9, Sep. 10, Nov. 12. Contact Dow Pierce, WA4HMX (804) 232-8128.

Roanoke WCARS-VEC
Exams at Hollins College. Sked: Feb. 22, at 8 P.M. & Dec. 3 at 9:00 P.M. both walk-ins, also Sept. 24, 9:00 P.M - Pre-Register Only. Special session on May 21, at Roanoke Hamfest. Pre-Register only. Contact Fred L. Horton, KZ4Y, (703) 366-6266. or Ben Giavaden, N4BG, Rt. 7, Roanoke, Va. 24022.

Roanoke ARRL-VEC
Walk-ins on 3rd Friday monthly at Roanoke Valley American Red Cross Bldg. Registration at 7:00 p.m. Info: Gordon Garrett, KC4DY (703) 268-1017.

Norfolk, Va. Beach, Hampton Roads, Portsmouth, Chesapeake, Williamsburg.
All exams: Walk-ins are ok, but contact person would like to know in advance. Exams marked "Walk-in Only" no advance call is necessary. See individual exams for contact person.

Southeastern Virginia Schedule
Chesapeake DX Assn. (ARRL/VEC). Contact Bill Verebely, KC4YX 424-4764. Sked: Apr. 2 at Chesapeake Springfest 94 at Va. Beach Pavilion. (W5YI Exam this session) also Jul. 9.
Gloucester Radio Am. College of Examiners (W5YI/VEC) Contact: Fran Sterling, KD4UEY 693-2117. Sked: Mar. 26, May 28, Jul 30, Sep. 24.
Portsmouth ARC. (ARRL/VEC). Contact Art Thiemens, AA4AT at 484-2857. Sked: Feb. 26, Nov. 5.
Southern Peninsula AR Klub (ARRL/VEC) Contact Ed Brummer, W4RTZ 898-8031. Sked: Mar. 5, Sep 18 at ARRL Roa. Div. Hamfest Computer Show at Pavilion (Walk-in Only this exam sked only)
Virginia Beach ARC (ARRL/VEC) contact Judy Rogers, KD4JMA 468-9166. Sked: Jun 4, Dec. 3.
Williamsburg ARC (ARRL/VEC) Contact Andrew Swanson, WJ4X at 253-2811. Walk-ins only! Sked: Apr. 30, Oct. 1.

West Virginia

Beckley, W5YI VEC
Walk-ins at 6:00 p.m. are sponsored by ARA, Northern Div., in Rm C108 & C109 Mine Safety & Health Admin. Academy near Beckley.

Bluefield, W5YI-VEC
Exams 2nd Sat. each Quarter, Feb., May., Aug., and Nov., 9:00 A.M. Bluefield State College. Walkins preferred. Contact Don Williams, WA4K (703) 326-2411 or (703) 326-3338.

Charleston, W5YI-VEC
The Kanawha Valley group gives Novice thru Extra exams, 9:00 a.m. 3rd Sat. of month, at Holy Trinity Catholic Church in Nitro. Walk-ins ok. Talk-in on 40-00 St. Albans repeater.

Huntington, TARA W5YI-VEC
Walk-in exams by the Tri-State ARA VE Team at Our Lady of Fatima Church, 545 Norway Ave. Check-in by 9:15 a.m., exams at 10 a.m. Call: Jim Baker, K8KVX, (304) 736-6542.

Nitro, W5YI-VEC
Walk-in exams (register at site) are held at the Holy Trinity Catholic Church. Registration begins at 9:00 a.m.. Contact: Jimmie Hewlett, WD8MKS, (304) 768-1142.

Parkersburg, W5YI VEC
Walk-in exams (register at site) are held 2nd Saturday of the months of Feb., Apr., Jun., Aug., Oct., & Dec. at 10:00 a.m. at the E.O.C. on Staunton Ave., Rt. 47. Also Commercial tests. For info call Dana Pickens, WV8G at (304) 422-1823

NOTE TO VEC/VEs
The ***Repeater Journal*** publishes at no charge brief exam schedules. The Journal assumes no responsibility for erroneous dates or information other than to publish corrected changes in future editions if timely. VEC/VE organizations are invited to use this free service. Send your exam schedules, updates or changes to the Editor. Deadline for May Repeater Journal listings is April 15. See above format for information to submit.

NOTE TO PROSPECTIVE EXAMINEES
Many exams are listed as Walk-ins, however it is always a good idea to call the contact person to get full information as to what is expected of you when you arrive at the exam site. Many of these schedules are distributed up to a year in advance. Changes occur, misprints happen, and neither can always be totally corrected in time. A call ahead can give you assurance that the schedule is still on track. All examiners will require that you bring: (1) Your original License (2) A copy of your license (3) Any original CSCEs you may have (4) And Copy of CSCE (5) Identification, preferably photo I.D. with birth date showing. (6) check preferred, sufficient to pay for your session. In addition, some sessions may require you bring a completed FCC 610 form. For Pre-Registrations, some of the above requirements must be mailed in. Again it is strongly suggested you call ahead, and see what is required. Current charges for most exam sessions is @ $5.75.

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Southeastern Dealers Form Association

An organizational meeting was held in Greensboro, NC on November 27 among several Amateur dealers and vendors attending the hamfest.

The name of the new organization is SEDAR (South Eastern Dealers of Amateur Radio,) Inc.

Their purpose is to promote the growth of Amateur Radio through the efforts of dealers. The group promises to further the exchange of information and cooperation between vendors and Amateurs, Clubs and Hamfest sponsors.

President of SEDAR is Bill Van Nuys, N4OOC of *WW Sales;* Vice-President is Ray Huff, N4LXW of *Ray's Amateur Electronics;* Secretary, Kay Johnson, KB4HHX, *The Country Ham,* and Treasurer is James Waldrop, KD4IRI of *IRI Amateur Electronics.*

Directors are Dale Marquis, WA4EZU, *The Cap 'N Badge Man;* Shirley Peay, N4LFV, *Communications Headquarters;* and Ray Thomas, WA4OMM, *The Rosewood Co.*

Presently the organization is preparing a very extensive hamfest questionaire to be mailed to over 200 hamfests in the Eastern part of the country. The questionaire, if properly filled out, and returned will contain the answer to every question any dealer may have to make his decision to attend that particular show. The questionaires will be assembled into a booklet, available to all dealers and vendors.

SEDAR also promises to assist in setting show dates for newcomers, if asked, or help present shows get better, non-conflicting dates.

Any Amateur dealers or vendors who are interested in joining SEDAR, should write the Secretary: Kay Johnson, KB4HXX, 5 Shoo Fly Circle, Givhans, SC 29472. Phone: (803) 821-8100. Any other questions concerning SEDAR should also be directed to the Secretary.

As of now, over a dozen dealers are listed as charter members.

SERA HISTORICAL FACT

From the February 1979 Repeater Journal. North Carolina had 116 repeaters listed on the air. South Carolina had 48 and Virginia including T-MARCs Northern Virginia had 92. Some of the Dealers no longer around included: Maury's VHF/UHF; VA Elec. Comm., Inc.; Georgetown Comm.; BICOMM; Bob's Amateur; G.I.S.M.O; Hometronics; Radio Comm of Charlotte; Telcom-Metro Comm. and Vickers. The Journal size then was 7 x 8-1/2 inches and had 48 pages plus cover.

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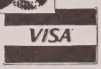

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SouthEastern Repeater Association, Inc.

Full Repeater Membership Application

Please fill out the Full Member Application. Maximum number of letters for your repeater Name is 14 characters. Be sure to list 2 persons as representatives. ONLY these two will be SERA reps and receive the Repeater Journal. MAIL YOUR CHECK AND APPLICATION TO: SERA MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050

	CITY/MTN. ETC. (MAX 14 CHAR)	RPTR CALLSIGN	INPUT FREQ.	OUTPUT FREQ.
REP. #1				
REP. #2				
REP. #3				
REP. #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

Name Two Persons Who Will Represent SERA as Full Members. Each Will Receive the Repeater Journal.

NAME_____CALL_____ NAME_____CALL_____

ADDRESS_____ ADDRESS_____

CITY_____STATE____ZIP_____ CITY_____STATE____ZIP_____

PHONE: ( )_____ PHONE: ( )_____

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FULL MEMBERSHIP: ( ) NEW ( ) RENEWAL - FEE IS ENCLOSED- AMOUNT : $_____
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REPEATER IS SPONSORED BY: (Name of Club or owner)_____

REPEATER TRUSTEE'S NAME: _____CALL _____

SERA IS THE OFFICIAL COORDINATOR FOR: NC, SC, VA, TN, KY, TN, GA, MS.

GEORGIA NEWS

-by Mike Flammia, N4PLM
News To: 5303 Driskell Dr., Winston, GA 30187

Congratulations to the new officers of the Athens Radio Club: Steve Bell, KD4GVX, Pres. Pat Scott, KC4BDT, VP Scott Sikes, KD4MSR, Sec. Paul Smith, N4CUA, Treas.

Nice to see some fairly recent call signs getting involved.

* * * * *

By the time you read this Super Bowl XXVIII will be history. Congratulations are in order for the Skint Chestnut Amateur Radio Society and especially to Ralph Urbas, N4ZCV, for running a special event station on January 30th. I've seen the artwork for the QSL - it was sent to Ralph by the NFL - and it really will make for one of the best QSL cards I've seen. Those hams that made contact with the special event station will receive the QSL for an SASE. If you didn't make a contact, but would still like a souvenir QSL, send $1.00 and an SASE to S.C.A.R.S., 200 Tradeport Blvd., Suite 207, Atlanta, GA. 30354.

* * * * *

The Coastal Amateur Radio Society reminds everyone in the Savannah area that their club meetings are held on the first Monday of every month In the Southside Fire Dept. on White Bluff Road. EVERYONE IS WELCOME.

* * * * *

Since interference problems are one of the most common problems your SERA coordinators get called about I thought it might be a good idea to reprint from our "SERA Coordination Policy Guidelines" - ***Policy #18 - Interference Policies.***

Here is the text:

Interference is something that will occasionally occur between two repeaters. Many times things can be worked out between owners and users. Sometimes additional help is needed.

SERA, the official coordinating body in the Southeast, maintains a policy of dealing with interference between repeater owners, trustees, and users. The policy is in accordance in FCC rulings and guidelines.

(A) If an uncoordinated repeater causes harmful interference to a coordinated repeater, the primary responsibility for correcting the interference rests with the trustee of the uncoordinated repeater.

(B) If both systems are coordinated, the trustee of the most recently coordinated system bears the primary responsibility for correcting the interference.

(C) In cases where a repeater in a SERA territory is involved in interference with a system operated outside SERA territory, the Frequency Coordinator, when called upon will work with the Frequency Coordinator from the other territory and will adhere to the guidelines listed above when dealing with the outside repeater and Frequency Coordinator.

(D) If a repeater operator changes the location, antenna height, ERP, or other parameters of his system in a manner which causes harmful interference to other stations (especially in co-channel or adjacent-channel repeaters and their users), that repeater operator bears the primary responsibility for correcting the interference.

If you have any comments or questions on the above drop me a note. Next issue we'll discuss another policy.

Journal Offers Change In Repeater Index List

We made a slight change in our SERA repeater index this issue. We exchanged the By-Frequency index and the By-City, By-State index.

Before, the By-Frequency index was listed first. We now list that last, after the By-City, By-State index.

The change was necessitated by space limitations in getting the indexes to fit in spaces alloted.

We might also mention, the listing for T-MARCs Maryland, Delaware and DC repeaters are printed immediately after our SERA index for this issue.

Offload your Workload!

A SCHEDULER feature in your repeater controller uses a clock/calendar to automate jobs that would otherwise be done manually. It works by comparing the actual time and date to a list of programmed *setpoints*, then taking some action when a match occurs.

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- Executes up to 10 setpoints falling at the same moment in time. *(Some execute only the first setpoint found.)*
- Supports owner-defined commands—not just factory preset conditions—providing extreme flexibility.
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- Have a pager test at 6:00PM on the 15th of every month.
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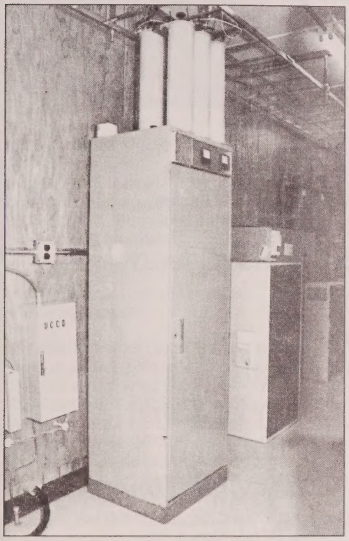
SOUTH CAROLINA NEWS

-by Gary, WD8OXE & Donna, KB4TUY Foster
Send news to: 670 Foster Road, Inman, SC 29349

We hope everyone had a wonderful Christmas and a joyous New Year. We are still working on getting into our house and we seem to keep having to move up the estimated time of completion. So again bear with us while we attempt to keep everyone informed of the happenings in our beautiful State.



A nice cabinet, in a heated, cooled, secure building makes up the new KI4PA repeater in Union, SC. The new machine is located in the Emergency 911 equipmentbuilding and shares use of the massive tower. (Photo provided by Gary Foster, WD8OXE)

* * * * *

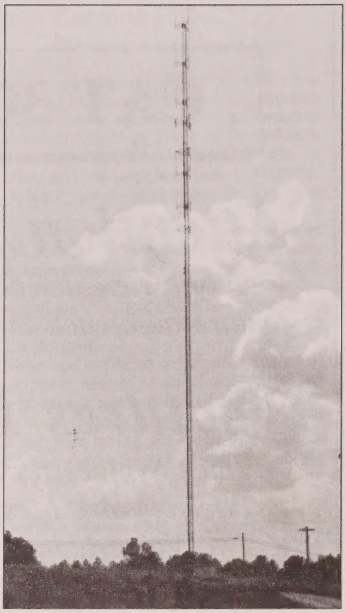
In September, the first 2 meter repeater of its type went on line in New Union County from the new 911 Tower just outside of the city of Union. Mobile stations can work the repeater from Northern Spartanburg county, Newberry, Greenville, and Rock Hill Charlotte area. Base Stations have been heard from Charlotte, Monroe, Columbia and Anderson. This machine fills the last repeater void in the State on 2 meters. The repeater is a Motorola machine with hard line feeding and a folded dipole antenna. The call sign is KI4PA and the frequency is 145.25.

* * * * *

The Spartanburg ARC has installed a new repeater on their 147.09 frequency. The repeater is a Spectrum Repeater with a R.C.1000 controller. The new repeater replaces a very tired VHF engineering repeater that has been in service since1978. The repeater is located at Pine and Main Street in Spartanburg on the Southern Bell Tower and provides county wide mobile coverage.

* * * * *

The following repeaters have been coordinated and are on the air or will be on the air shortly: Summerville - 147.18 with an ERP of 150 watts. Summerville - 442.300 with an ERP of 250 watts. (re-coordinated to KC4OOZ) Lexington - 444.350 (KD4KAO) with an ERP of 50 watts. 224.56 (both at the intersection of I-20 and 378) Beauford - 146.655 (KB4RRC) with an ERP of 50 watts (WJWJ TV tower) West Columbia - 53.27 (KC4GYM) with an ERP of 100 watts. 224.10 (KC4GYM) with an ERP of 60 watts. State Route 54 and Reedy O. Smith Rd. Lexington - 224.12 (KC4GYM) at Lexington Medical Center.



The tall Emergency 911 tower in New Union County, SC. This is the home for a new repeater just outside of Union. This is the first 2 meter repeater that has had permission to go on one of these towers.

The State Wide Repeater linking effort is still under way with the East Coast link from Myrtle Beach to Charleston in the works. This part is set to go on line this spring with Myrtle Beach, Georgetown, Charleston, Florence and Kingstree-Hemingway linked together.

* * * * *

That's all for now. Send news. We'll see you in May with more South Carolina news.

Several Hamfests Have Changed to One Day

There was quite a shift this year in hamfest scheduling. Several conflicts were eliminated, with a few more to go.

The one thing we saw, was several show sponsors opted to change to one day. Those confirmed we know of are: Gastonia, NC to be held on May 29; and Asheville, NC to be held on July 30. There are unconfirmed reports tht High Point, NC and Greensboro, NC may opt for one day in 1994.

Several medium to large, established shows have done well with one day for years, including Raleigh, NC, Richmond, VA, Elkin, NC and Knoxville, TN.

Show sponsors have discovered that the way people attend hamfests has changed drastically over the past few years. Few, stay any longer than 3-4 hours, and rarely come back the 2nd day.

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New T-MARC Officers Elected for New Year

-Tnx "Autocall" Magazine

The Middle Atlantic FM and Repeater Council (T-MARC) met in late October and selected officers for the 1994 term.

Elected were Owen Wormser, K6LEW, President, W. Van Aller, K3CZ, Vice President for Technical Operations (and chairman of the Frequency Coordinating Committee), Henry Black, N3ESR, Vice President for Public Relations (re-elected), John Hengen, K3HOL, Secretary/Treasurer, and John Sichert, KA3LAO (re-elected), Sandy Sanders, WB5MMB (re-elected) and Ross Merlin, WA2WDT, Directors of the Board.

Great appreciation and heartfelt thanks was accorded departing Frequency Coordinating Committee Secretary, Gary Hendrickson, W3DTN, who after many years of faithful and devoted service to the organization has decided to "retire."

In his annual letter, incoming President Owen Wormser said there were no further two-meter 600 khz split repeater pairs available in the Baltimire - Annapolis - Washington, DC metropolitan corridor at this time.

He said T-MARC considered additional, alternative two-meter bandplan splits at the October meeting. It was confirmed by all in attendance that T-MARC will continue its policy of coordinating only 600 KHz-split frequencies in accordance with the ARRL Band Plan.

A possible solution was mapped out by the group. T-MARC will monitor and document 24-hour activity on all 2M coordinated repeaters in the area and will make such information available to anyone desiring to request a frequency pair for repeater operation in the metropolitan corridor.

For those frequency pairs not demonstrating substantial activity as described in T-MARC policy documents, T-MARC may notify the appropriate sponsor of record, accountable for the coordinated frequency pair(s) in question, that frequency pair(s) is (are) subject to possible multiple occupancy based on usage level analysis.

T-MARC has also asked repeaters in the Baltimore - Annapolis - Washington DC metropolitan corridor to evaluate their continued need for their frequency pairs and advise T-MARC if they wish to relinquish their coordination so other applicants may have a chance to put their repeaters on the air.

(T-MARC is the official coordinator for Delaware, Maryland, DC, Northern Virginia, and the eastern panhandle of West Virginia.)

North Carolina News

Continued from Page 21

president of the Mecklenberg ARS, has announced his candidacy for ARRL Section Manager. Gene comes from an amateur radio family. His dad, Gene Sr. is W2GEX, his mom is KQ4UA, his brother Joe is N4YQH, and his daughter Tara is N4XCW. He almost has enough votes to win right there!

I met Gene through his daughter, a Navy MARS member, and we used two meters to keep each other company one long trip north a few years ago. He is a chief examiner for the Charlotte VEC and was a net manager of the Tarheel Emergency Net and an active ARES member.

Gene had a serious accident in 1988 and spent much time in a wheelchair, While he was homebound, he went from no license to extra in ten months! He says ham radio really kept him from feeling left out of everyday life and gave him incentive to get out of the wheelchair.

Carteret County Net

Jumped into the 145.45 Carteret County Net on Tuesdays at 7:30 and found a very active group going in the newest ham club in the area. Penny Pennington, K4OJV, was net manager and getting much activity.

Penny has been elected the new president, and Secretary Andy Griffith, W4ULD, has promised to keep me up to date on the club's activities. A novice and upgrade class is planned to begin on January, but details were missing at deadline time.

Late In Announcing But Never Forgotten

-by Wayne C. Williams, K4MOB

I got the word in August from David Ward, KA4LVO - Thelma Fitzgerald, WD4MMO had died of a heart attack. It made me very sad.

Thelma was the wife of Jim, K4OJE. They lived in Richmond, Va., and they both had been two of my best friends.

I first met them at the Richmond Hamfest in the mid seventies. In the early eighties, Jim became Vice-President of SERA, and I got to see he and Thelma several times a year. They always came to the Board meetings together, and everyone loved them.

I will always remember, whenever I drove into the Richmond area, I would find Jim on the repeater, and he would always pass on Thelma's best wishes.

She was a charming lady. She had class and always made friends wherever she went.

Thelma was my friend. She was Jim's very best friend, and his beloved wife of many years.

We all miss her!

Why and How Tennessee Became a Member of SERA

-by O. D. Keaton, WA4GLS
Tennessee Section Manager, ARRL

I shall attempt to give the background of why and how Tennessee became a part of SERA. I am relying on my memory and research into QST during that time; therfore, the dates may not be exact but will be in the general time frame of the happenings.

Until 1978, the Tennessee Section was relying upon the "Tennessee Repeater Advisory Committee" for frequency coordination and advice for our repeater installations and operations. This Committee was composed of seven members, residing in various parts of the State, coordinating repeater frequencies and offering advice to to those who requested it. Although the individual members were competent and conscientious, the real needs were not being completely met. In my opinion this Committee just did not have the influence to impress the policy making personnel; therefore, the Committee was in reality ineffective.

Serving as "Section Communications Manager" at that time, I felt it my duty to attempt to find a more effective alternative for the Tennessee Section's repeater owners and users. It seemed that the, "Carolinas - Virginia Repeater Association" (CVRA) (coordinators for NC, SC & VA) was doing a more complete service to its constituencies and had the numbers to influence the policy makers, better than any other organization that I knew about; therefore, I decided to approach them for the answer to our needs.

I met with the leadership of CVRA at its annual meeting in September 1978 at Shelby, NC and requested permission to allow the Tennessee Section to join the CVRA if the Repeater owners and operators decided to do so. The CVRA leadership was very receptive to the idea and after thorough discussion and consideration granted me permission to pursue this course. This was the first step, but there was much work ahead to accomplish my goal.

I returned home with the feeling, more than ever, that this was the way to go. This was discussed with the Tennessee Repeater Advisory Committee, and with their approval by a 7 to 2 vote, I continued to promote this proposal. Meetings with repeater groups, Amateur Radio Clubs and personal contact were all favorable.

The next and final decision was to be made by the Repeater owners, since they were the ones primarily effected by this merger. In July 1979, ballots were mailed to all repeater owners, I knew about at that time, for each of them to officially decide whether to merge with CVRA. The ballots were to be returned by a specified date in September 1979, at which time the ballots would be counted and the decision made based upon the results of the balloting at that time. The overwhelming majority of the vote was "YES"; therefore the decision was to recommend the merger, which I did.

January 1980 QST reported, "Tennessee Amateurs have elected to join the CVRA," I do not know when CVRA officially took action to accept the Tennessee Section as an official member but it is assumed that was done at the next annual meeting of the CVRA officials which perhaps was in September 1980.

The CVRA is now known as the "SouthEastern Repeater Association, Inc." (SERA), and now includes the states of Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia.

SERA is now recognized as one of the most effective organizations in the country in the area of repeater frequency coordination, and its quarterly publication, the "SERA Repeater Journal" carries a most comprehensive listing of the repeaters of its member States.

I am glad that I was instrumental in making the Tennessee Section a part of this great organization.

Historically - More Facts About Tennessee & SERA

The November 1979 Repeater Journal had the banner headline, "Tennessee Votes Yes". Inside the good news was covered by the editor (Wayne Williams, K4MOB) and O.D. Keaton, WA4GLS, ARRL SCM of Tennessee.

In the February 1980 Repeater Journal, Tennessee had been voted in, and West Virginia was polling their repeaters for CVRA memberhip. The cover showed the SERA Parrot and his friends sitting on a branch. The friends (more parrots) depicted the other states who were members or were joining.

The May 1980 Repeater Journal was dedicated and devoted entirely to stories and pictures of the new CVRA States of Tennessee and West Virginia.

On the November 1980 Repeater Journal cover, our parrots again return, as they pulled down the Carolinas-Virginia Repeater Assn., flag, and hoisted the new "Southeastern Repeater Assn." flag. In 1980 the organization had changed its name to CVRA-Southeastern Repeater Assn., Inc. or CVRA-SERA. Years later CVRA was dropped and only SERA was used. (Editor - The Repeater Journal)

PIEDMONT AMATEUR RADIO KLUB PRESENTS
A SHOW WITH A NEW NAME AND A NEW LOCATION

FALLFEST

Formerly Danville/South Boston Hamfest

SEPTEMBER 24, 1994

HALIFAX COUNTY SENIOR H.S.
SOUTH BOSTON, VA

More Spacious Accomodations!

Motels Nearby - Food - Dealers - Flea Market

For More Information Contact: Kathy Hendricks (910) 597-2959

VIRGINIA BEACH
HAMFEST
SEPT 17 & 18 1994

Virginia Beach Pavilion ☞ Virginia Beach, Va

ARRL ROANOKE DIVISION CONVENTION

Major Ham Radio Manufactures
Ham Radio Dealers

AREA'S LARGEST COMPUTER EXHIBIT

COMMERICAL BOOTHS

Lewis Steingold W4BLO
1008 Crabbers Cove Lane
Virginia Beach, VA 23452
(804) HAM-FEST

TICKETS & TABLES

Manny Steiner K4DOR
3512 Olympia Lane
Virginia Beach, VA 23452
(804) HAM-FEST

Name _____ Telphone_____ FAX_____

Business Name/Call Sign _____

Type of Business: Radio __ Computer __ Other _____

Address_____

_____ Advance Tickets good for both days __ $5.00 (At door--$6.00) .. _____
_____ Children under 12 free
_____ Commercial 10'x10' Booth for both days--$125.00 per booth .... _____
_____ Booth includes electricity
_____ Commerical 8' Table for both days--$30.00 ..... _____
_____ Commercial Tables (10 or more) for both days--$20.00 per table .. _____
_____ Electrical Outlet for both days--$15.00 ..... _____

TOTAL _____

City Ordinance Prohibits Smoking in Pavilion

ENCLOSE SELF-ADDRESSED, STAMPED ENVELOPE FOR TICKETS AND REGISTRATION RETURN.

*** Tickets Required to Rent Commerical Tables or Tailgate Space. ****

Outdoor Tailgate $15.00 (No Advance Registration)

Outdoor Tailgating - a special area for "out of the back of your car" tailgating and good for both days. Area consists of one lined off car space with car parked within space.

SouthEastern Repeaters Repeater Assn.

Just for Repeater Owners!

Useful Tidbits of Interest

As datasheets returned this year, lots of things happened on the database of repeater indexes. Things that some repeater owners may not remember, or know about. Things that were explained when they read their coordination papers, but overlooked.

Two things in particular seemed to be the most common this year:

Un-Coordinated Flags

Some repeaters all of a sudden are marked un-coordinated.

REASON: The repeater owner filled out the datasheet placing new parameters on the repeater system which were in conflict with what was on the current coordinated file. These parameters could be (1) a different location, (2) a major increase in ERP, (3) a signficant increase in antenna height, etc. The computer sees this, and kicks in the un-coordinated flag.

WHAT HAPPENED: Some repeater owners apparently made some changes to the operating system which were significant enough to require re-coordination, but failed to notify his State coordinator to get the work done and new information on his file. OR the repeater owner just forgot and put in wrong information in blank lines on the datasheet.

SOLUTION: If you see your repeater marked un-coordinated, and it previously had been coordinated, contact your Director immediately. He will assist you in getting this situation rectified, by finding out what has changed, see if problems to other repeaters will occur, if not, get you re-coordinated.

All this is covered under SERA Coordination Policy #9. See separate story on Page 18. Then you will see the great value of such a procedure, for your own protection.

Proposed Repeater

Oops! You see your repeater listed as proposed? You say its been on the air for 6 months. Not according to the SERA repeater database.

As you went through the coordination process, there was a form that officially requested you notify your coordinator when you get your machine on the air. The SERA computer waits for this form from the coordinator. Until it receives such, your repeater is listed as "Proposed".

The only way a coordinator knows you repeater is on the air is for you to tell him so - in writing. That form you failed to fill out and send in, is an exact example - he doesn't know you are on the air yet. A proposed coordination is good for only 6 months and until the coordinator is notified that the repeater is on the air - the coordination is still proposed.

Why such a rule. Simply because dozens of coordinations never result in repeaters getting on the air. After a while we have many listing of proposed repeaters - that never get on.

This ruling was put into effect after we began carefully looking at our repeater database. Our Directors spent hours, days, weeks trying to determine what was on, and what was not. We had hundreds of frequencies coordinated in the computer (not on our published list) - status unknown.

To accurately be aware of everything going on in your area, to give you the full protection when its time to coordinate a new machine next door, the coordinator must know EVERTHING that is going on around that area for a 50 to 100 mile radius.

To reach this goal, new rules were put into effect several years ago. We started sending out datasheets to get our database more up-to-date - comparing them with information on hand, toe get our system accurate.

We know sometimes, extra effort, or extra paperwork is a pain, but we also know, if you are serious about operating a top notch repeater - it's going to take extra effort on your part to keep the equipment in top-notch shape. It's up to us to keep your coordination information in top-notch shape so we can assure you that when we have to coordinate another repeater nearby, you will receive the most protection possible under the new coordination.

The interference-free atmosphere your repeater operates under today is not an accident. It is a result of someone doing their job. But, with the ever growing numbers out there, it is no longer the job of a coordinator to keep up with it alone. It is the job of the repeater owner AND the coordinator. Your cooperation and assistance is appreciated. After all, who are we working for - each other, and the betterment of Amateur Radio, especially our repeater USERS! Right!!!!

SERA Repeater Journal Advertising Rate Card

Effective 1 January 1994

Full Color Covers	8-1/2x11"	$400.00
Full-Page	7-1/4x9-7/8"	$150.00
Full-Page Bleed	8-1/2x11"	$175.00
2/3-Page (V)	4-3/4x9-7/8"	$112.00
1/2-Page (H)	7-1/4x4-3/4"	$82.00
1/2-Page (V)	4-3/4x7-1/2"	$82.00
1/2-Page (V)	3-1/2x9-7/8"	$82.00
1/3-Page (V)	2-1/4x9-7/8"	$60.00
1/3-Page (H)	4-3/4x5"	$60.00
1/4-Page (V)	3-1/2x4-3/4"	$48.00
1/4-Page (H)	4-3/4x3-3/4"	$48.00
1/4-Page (H)	7-1/4x2-3/8"	$48.00
1/6-Page (V)	2-1/4x4-3/4"	$33.00
1/6-Page (H)	4-3/4x2-1/4"	$33.00
1/12-Page (V)	2-1/4x2-3/8"	$17.00
Club/Repr Cards (4 Issue Contr)		$27.00
Classified (30 Words Max.)		$4.50
SPOT COLOR (each ad/page)		$50.00

2nd Color usually bright Red w/black

NO ADVERTISING DISCOUNTS

Advertising invoices are due upon receipt. Unpaid invoices will require us to withhold any additional ads in future issues until account is paid in full. NOTE: Pages 4 & 5 (facing color pages) are preferred up-front of book color positions and are guaranteed under 1-year contract only. In some instances, facing pages 8 & 9 are available for spot color. For availability call the editor.

SPECIFICATIONS

Sizes listed Above are width by length in that order. Ads received that do not fit dimensions will be adjusted to the nearest ad size and be billed $8.00 production fee. The ad will be billed at the size rate it had to be adjusted to.

Prices quoted are for **exact size, camera-ready positive photoprint or pasteup.** Full color ads for covers require negatives, right-reading emulsion down. 150-Line screens preferred. Camera work, design, typesetting, pasteup is available at a nominal charge.

The Repeater Journal cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

When possible, advertisers requiring typesetting or composition by the Repeater Journal staff will receive a proof with time for telephone corrections. After deadline proof changes to an ad are not available due to staff and time limitations.

All advertising copy and insertion orders should be sent to the Repeater Journal Advertising Manager: Sharon Ward, P.O. Box 215, Tobaccoville, N.C. 27050. Ad copy deadlines are the 1st of the month, prior to month of publication. New ad insertion order deadline is 10 days prior to copy deadline. The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Editor or Sales Manager.

AD & COPY DEADLINE DATES

FEBRUARY ISSUE - January 1,
MAY ISSUE - April 1,
AUGUST ISSUE - July 1,
NOVEMBER ISSUE - October 1.

The Repeater Journal is published by and is the voice of SERA, INC.

ROANOKE MAYFEST '94

HAMFEST AND COMPUTER SHOW

CHANGED LOCATION and Date to:

ROANOKE CIVIC CENTER

Saturday May 21 , 1994

Roanoke, VA

AN APPROVED ARRL EVENT PRESENTED BY

THE ROANOKE VALLEY AMATEUR RADIO CLUB

GRAND PRIZE: $600.00

SECOND PRIZE: $300.00

PRE - REGISTRATION PRIZE: $100.00

TALK-IN ON 146.985 (-600) & 442.50+

TICKET INFORMATION
General Admission - Pre-registration _____ $5.00
At the door _____ $6.00

COMMERCIAL DEALER SPACES
1 -8 ft table (includes 2 chairs) _____ $20.00
Each additional table _____ $20.00

Non-Commercial exhibitor must also purchase General Admission Ticket

INSIDE FLEA-MARKET TABLES
1 -8 ft table (includes 1 chair) _____ $10.00

PRICE FOR ELECTRICAL HOOK-UP _____ $15.00

UNLIMITED TAILGATING AVAILABLE ea. _____ $5.00

UPGRADE EXAMS: 9:00 A.M. (No Novice Exams:)
VEC Exam: Send 610 and a copy of current license and any Certificates of Completion along with a check for $5.75 payable to: WCARS/VEC. Bring your original license, and certificates to exam.

Mail to: FRED HORTON
KZ4Y 4024 Okland Blvd., Roanoke, Va. 24012

For more information, please send S.A.S.E. to KZ4Y
Testing Registration Deadline is May 10, 1994

LADIES: CONVENIENT SHOPPING !

MEALS: Easy distances to many local restaurants

SHOW HOURS Sat. May 21, 1994, 9:00 A. M. - 4:00 P.M. SEE YOU THERE !

Dealer Set-up .....Doors open 6:00 A.M. for set-up Saturday May 21, 1994.

Dealer & Flea Market information

Home: (703) 343-6794

FAX: (703) 342-1250

PRE - REGISTRATION DEADLINE MAY 14, 1994

PLEASE SEND S.A.S.E.

SHOW HOURS: 9:00 A.M. - 4:00 P.M.

1994 MAYFEST PRE - REGISTRATION FORM

Mail Check, S.A.S.E., and this completed form to:

R.V.A.R.C., P.O. BOX 2002, Roanoke Virginia 24009.

WE MUST RECEIVE THIS BY MAY 14, 1994

NAME: _____ CALL: _____

ADDRESS: _____ PHONE: _____

CITY: _____ STATE: _____ ZIP: _____

I would like _____ Hamfest tickets @ $5.00 each ..... $ _____

Reserve _____ Commercial Dealer Spaces @ $20.00 each ..... $ _____
(1 - 8 ft. table, includes 2 chairs)

Reserve _____ Each Additional Dealer Table @ $20.00 each ..... $ _____

Reserve _____ Inside Fleamarket Spaces @ $10.00 each ..... $ _____
(1 - 8 ft. table, includes 1 chair)

Reserve _____ Outside Tailgate Space @ $5.00 each ..... $ _____

Reserve _____ Electricity Hookup @ $15.00 ..... $ _____

Make checks payable to R.V.A.R.C. **TOTAL $** _____

MFSFLR94.CDR

Hamfest Advertising in The Repeater Journal

You probably notice there are more hamfest ads in the Repeater Journal than ever before. This has been a growing trend for 2 years.

Several major shows report that they are seeing distinct results from their Journal ads. Smaller shows say with their limited budgets, the Journal ad is the best thing they've ever had to promote their hamfest and get results.

-Fred, N4GGD told the Repeater Journal as he kept the gate at the Greensboro Hamfest last November, he was amazed at the number of cars driving up with the driver or passenger having the Repeater Journal in their hands, turned to his ads. They were using the maps he published in the ad to get there.

Now that's results!

If you sponsor a hamfest - can you print 5,000 brochures, get them folded, labeled, mailed for the mere $150.00 cost of a full page ad in the Repeater Journal. We think not! If you are interested in promoting your hamfest with an ad in the Repeater Journal, Contact our Sales Manager. (See Page 1)

ATV Bandplan on 450 To Be Evaluated

The SERA Board at their Winter meeting discussed the feasibility of re-working the ATV portion of the 450 MHz band. They had received several letters from various ATV operators complaining of lack of space and clarification of just where they can operate.

The SERA Board is soliciting the input of ATV operators, especially those who operate ATV repeaters. Experienced Amateurs in ATV are asked to write SERA with comments and suggestions of what is needed (taking into consideration existing constraints on the band).

If you are active on ATV and are technically oriented (know about conditions, requirements, capabilities, of ATV) you are encouraged to write SERA. Send your ideas, and comments to the President: Dave Shiplett, AC4MU, 107 Mossy Lake Road, Perry, Ga. 31069. Dave will contact you, discuss your ideas, and see that they will be brought before the Board. Comments to be before the board must be in Dave's hands by July 1.

He said some ATV enthusiasts may be invited to the Board meeting in July to discuss the situation.

Repeater Owners Are Encouraged To Check Their Repeater Listing

As we suggest each year, Repeater owners, or club sponsors should check their repeater listings carefully. With the frightfully enormous number of changes made from datasheets, and revising memberships, some keyboarding entries in the computer may have occurred.

Be sure your listing is correct, the proper symbols are after the listing, and if you are a Full Member of SERA, your repeater is indicated so with the star after the listing.

If there is a "D" after your listing, you either have not renewed, or it didn't get in before deadline.

If there is an "N" after your listing, it means your repeater is not listed as a SERA Full Member.

We apologize if there are any errors or typos in your listing, and we will make every effort to make corrections if you call it to our attention. For typo errors, etc. contact David Ward, KA4LVO. For questions regarding coordination status, etc., contact your director.

19th Annual Western Carolina Hamfest

An ARRL Sanctioned Event

Saturday July 30th, 1994

One Day Only 8 AM - 4 PM

Haywood County Fair Grounds

(Near Waynesville & Lake Junaluska)

Make your plans early, this is Bele Chere Festival Weekend in downtown Asheville and Folkmoot Festival time in Haywood County, which means there will be lots of activities in the area - a perfect time to plan a mini-vacation to the mountains. Admission will be $4.00 in advance or $5.00 at the gate.

For Dealer and Flea Market Information Contact Miriam Smith, KB4C at 704-683-4251

For Ticket Information Contact Ray Crepeau, WB1HGO at 704-298-7289

For General Information Contact Dick Critchell, KY2Y at 704-299-7856

Or Mail an S.A.S.E. To : WCARS, PO Box 1488, Asheville NC 28802

SERA Repeater Journal
Hamfest Calendar

Permission is granted for re-publication or any use of all or any part of this Calander as long as proper credit is given to the SERA **Repeater Journal**. The Journal assumes no responsibility to the accuracy of listings, other than to correctly republish, upon notification in writing.

UPDATED LAST ON 1-22-94

FEBRUARY 1994

5 ..... Hamfest, CHARLESTON, SC
5 ..... Kerbella Hamfest KNOXVILLE, TN
5-6 ..... JARC Hamfest, JACKSON, MS
5-6 ..... Fl. State ARRL Conv. & Tropical Hamboree, MIAMI, FL
12 ..... Hamfest, ARCADIA, FL
18-20 (Fri Nite-Sun) ..... SE Div. ARRL Conv. & Hamcation, ORLANDO, FL
20 ..... Hamfest, ELKIN, NC
26 ..... Hamfest, PENSACOLA, FL
26 ..... Hernando Cty. ARAs 12th Annual Hamfest, BROOKSVILLE, FL
26 ..... Hamfest, DALTON, GA
26 ..... Hamfest, STUART, FL
26-27 ..... Great Lakes Div. ARRL Conv./Hamfest, CINCINNATI, OH
27 ..... 16th Annual Hamfest, FAYETTEVILLE, WV
27 ..... Vienna Wireless Soc. Winterfest, VIENNA, VA

MARCH 1994

5 ..... (NOTE NEW DATE) ..... Clev. ARC Starfest, CLEVELAND, TN
5 ..... Mammoth Cave ARC Ham/Swapfest, CAVE CITY, KY
12-13 ..... Hamfest/Computer Show, CHARLOTTE, NC
13 ..... Hamfest/Computer Show, ANAPOLIS, IN
13 ..... 7th Annual York Springfest, YORK, PA
19 ..... Kennehoochee ARC, MARIETTA, GA
19-20 ..... Swapfest, FT. WALTON BEACH, FL
25-26 (Fri Nite-Sat) ..... Hamfest, COLUMBUS, GA
26-27 ..... Md. State ARRL Conv. 23rd Baltimore Hamboree/Computerfest, TIMONIUM, MD
27 ..... Charleston ARS Hamfest, CHARLESTON, WV
27 ..... 4th Annual "Downeast Hamfest", KINSTON, NC

APRIL 1994

2 ..... 9th Annual CARS Chesapeake "Springfest 94", VIRGINIA BEACH, VA
9 ..... Hamfest, ALBERTVILLE, AL
9 ..... Hamfest, PERRY, GA
9-10 ..... Ar. State ARRL Conv., Hamfest, N. LITTLE ROCK, AR
9-10 ..... Hamfest, GAINESVILLE, FL
16 ..... Hamfest, OAK RIDGE/CLINTON, TN
16 ..... Six Meter AR Team Hamfest - Goochland Cty Fairgrounds, GOOCHLAND, VA
16 ..... TARC Electronics Fest (Charleston II), SUMMERVILLE, SC
17 ..... NC State ARRL Conv. - RARS Hamfest/Computer Faiur, RALEIGH, NC
23 ..... Hamfest, TALLEDEGA, AL
23 ..... Hamfest, EASTVIEW, TN
29, 30, May 1 ..... 42nd Hamvention, (Hara Conf. & Exhib. Cen.), DAYTON, OH
30-May 1 ..... 55th Hamfest at Anderson Cty Fairgrnds, GREENVILLE, SC

MAY 1994

8* ..... Hamfest, MEDINA, OH
14* ..... Hamfest, MURFREESBORO, TN
14-15 ..... Hamfest, BIRMINGHAM, AL
14-15 ..... Hamfest, TOCCOA, HARTWELL, GA
15 ..... TSRAC Hamfest, Computer Fair, WHEELING, WV
21 ..... 33rd RVARC - Mayfest '94, (Salem Civic Cen) ROANOKE, VA
21-22 ..... Hamfest, BATON ROUGE, LA
22 ..... Antietam RA Great Hagerstown Hamfest, HAGERSTOWN, MD
22* ..... Jackson County Hamfest, RIPLEY, WV
28 ..... 20th Annual Dur-Ham-Fest, DURHAM, NC
29 ..... 2nd Annual Hamfest, GASTONIA, NC
29 ..... MD. FM Assn. Hamfest, (Howard Cty Fairgrnds), W. FRIENDSHIP, MD

JUNE 1994

4 ..... Azalea Coast ARC 2nd Annual Seafest '94, WILMINGTON, NC
4 ..... Amateur Radio & Computer Fair, KNOXVILLE, TN
4 ..... Athens RC Annual Hamfest, ATHENS, GA
5* ..... Hamfest, HUMBOLT, TN
5 ..... Ole Virginia Hams - Hamfest, MANASSAS, VA
5* ..... Hamfest, MUNCIE, OH
10-12 ..... ARRL National Convention, Hamfest, ARLINGTON, TX
11 ..... Hamfest, WINSTON-SALEM, NC
12* ..... N. Ky. ARC Ham-O-Rama 94, ERLANGER, KY
12* ..... El Hasa Shrine Radio Unit Ham Swapfest, BOYD COUNTY, KY
18 ..... Tn. State ARRL Conv - Nashville ARCs 1st Annual Hamfest, NASHVILLE, TN
18 ..... Hamfest & Computer Fair, BLUEFIELD, WV
18-19 ..... Albany ARC Hamfest, ALBANY, GA
19* ..... Hamfest, FREDERICK, MD

JULY 1994

2-3 ..... West Va.State ARRL Conv/Hamfest, JACKSONS MILL, WV
9 ..... NC Chapter TSRAC "Firecracker" Hamfest, SALISBURY, NC
9-10* ..... Summit ARAs Carrol Cty. Hamfest/Computer Show, WESTMINSTER, MD
10 ..... BRATS Hamfest and Computer Fest, TIMONIUM, MD
16 ..... Mid-Summer Swapfest, CARY, NC
16-17* ..... Hamfestival, ATLANTA, GA
30* ..... Hamfest, COLUMBUS, OH
30 ..... WCARS Asheville Hamfest, Haywood Cty. Fairgrnds, ASHEVILLE, NC

AUGUST 1994

6* ..... Tri-State ARA Hamfest/Computer Show, HUNTINGTON, WV
6* ..... 6th Annual High Point RC Hamfest, HIGH POINT, NC
6-7 ..... 21st Annual Hamfest, JACKSONVILLE, FL
7* ..... 44th Annual Winchester Hamfest, BERRYVILLE, VA
7* ..... Mid-Ohio Valley ARC Hamfest, PARKERSBURG, WV
7* ..... ARRL Central Hamfest, FRANKFORT, KY
14* (trying to get) ..... Charlotte ARC 2nd Queen City Hamfest/ComputerFair, CHARLOTTE, NC
20* ..... Hamfest, SPRUCE PINE, NC
20-21* ..... ARK-LA-TEX Hamfest, SHREVEPORT, LA
20-21 ..... Hamfest, HUNTSVILLE, AL
21* ..... Hamfest, MARYSVILLE, OH
21 ..... GCARA Hamfest, CINCINNATI, OH
21* ..... St. Charles ARC Hamfest '94, ST. CHARLES, MO
27* ..... Confederate Signal Corps Hamfest, MADISON, GA
28* ..... Short Mt. Rep Club Hamfest, CEDARS OF LEBANON, TN

SEPTEMBER 1994

3-4 ..... 37th Annual Hamfest, SHELBY, NC
10 ..... Statesboro ARS Hamfest, STATESBORO, GA
10* ..... Ascesion ARC Hamfest, GONZALES, LA
10-11* ..... Hamfest, MELBOURNE, FL
11* ..... Foundation AR Hamfest, GAITHERSBURG, MD
17* ..... Tailgate Swapfest, RUSTON, LA
17-18* ..... Hamfest & Computer Show, MOBILE, AL
17-18 ..... ARRL Roa. Div. Conv/Hamfest/Computer Show, VIRGINIA BEACH, VA
24* ..... Lanierland ARC Hamfest, GAINSVILLE, GA
24 ..... **(FORMERLY IN DANVILLE)** South Boston Fallfest, SOUTH BOSTON, VA
24* ..... Hamfest, ANNISTON, AL
24* ..... TARA, Hamfest, HUNTINGTON, WV
24* ..... Hamfest, CLEVELAND, OH
24 ..... Hamfest, NEW PORT RICHEY, FL
24-25* ..... Hamfest, LOUISVILLE, KY
25* ..... Falls Lake ARC 3rd Annual Swapfest, BUTNER, NC

OCTOBER 1994

1* ..... Hamfest, TITUSVILLE, FL
1* ..... Hamfest, BOAZ, AL
1* ..... Hamfest, MT. HOME, AR
1 ..... Sumner Cty ARA Hamfest, GALLATIN, TN
1* ..... 43rd Annual Hamfest & Computer Fair, ROCK HILL, SC
2* ..... Hamfest, ROME, GA
7-8* (Fri eve-Sat) ..... 41st Annual Hamfest/Computer Show, AUGUSTA, GA
8-9 ..... Tennessee State ARRL Conv/"Memfest '94" Hamfest, MEMPHIS, TN
8-9* ..... Miss. Coast ARA 18th Annual Ham/Swapfest, BILOXI, MS
8-9* ..... 14th Ham Com-Vention, HOUSTON, TX
9* ..... Hamfest, MAYSVILLE, NC
14-15 ..... Hamfest, STARK, FL
15* ..... 3rd Black Warrier Swapfest, TUSCALOOSA, AL
15* ..... Tri-Cities Hamfest, GRAY, TN
15* ..... CCARS Fall Festival and Hamfest, SANFORD, NC
16* ..... Central Louisiana Hamfest, ALEXANDRIA, LA
16* ..... CARA 18th Annual Hamfest (Columbia, MD) HOWARD CTY FAIRGROUNDS, MD
22* ..... Hamfest, WAYCROSS, GA
22* ..... Hamfest, SUMTER, SC
22-23 ..... Hamfest, CHATTANOOGA, TN
22-23* ..... Hamfest, MOBILE, AL
22-23* ..... Palm Beach RA Hamfest, W. PALM BEACH, FL
23* ..... Mason-Dixon Hamfest, WESTMINSTER, MD
29 ..... Swapfest '94, FOREST CITY/RUTHERFORDTON, NC
29* ..... Southern Ky. AR Group 3rd Annual Franklin Fest, FRANKLIN, KY

NOVEMBER 1994

5-6* ..... Ham Radio/Comp. Expo '94, LAWRENCEVILLE, GA
5-6* ..... Hamfest, FT. LAUDERDALE, FL
6* ..... Hamfest, CONCORD, NC
12* ..... Hamfest & Computer Expo, MYRTLE BEACH, SC
12* ..... TVARN Hamfest, COOKVILLE, TN
12* ..... Twin City Hams Hamfest, WEST MONROE, LA
12* ..... 17th Annual Hamfest, MONTGOMERY, AL
12-13* ..... Indiana State ARRL Conv, Hamfest, FT. WAYNE, IN
19-20* ..... Suncoast Conv. '94 TAMPA, FL
20* ..... 6th Annual JARSFEST, BENSON, NC
26-27* ..... Hamfest, GREENSBORO, NC
27* ..... Hamfest, New Orleans, LA

DECEMBER, 1994

3* ..... Wiregrass ARC Hamfest, DOTHAN, AL
3* ..... Hamfest, OKEECHOBEE, FL
4* ..... HolidayFest '94, LARGO, MD

CONFIRMED 1995 DATES

Jan. 28 ..... TVARN Hamfest, GALLATIN, TN
April 28-30 ..... 44th Dayton Hamvention, DAYTON, OH

Please note: Hamfest dates marked with an asterisk(*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the ***Repeater Journal*** Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from *AutoCall, TSRAC AR News Bulletin, The Magnolia Report, Kay Johnson, KB4HHX, Secretary SEDAR (South Eastern Dealers of Amateur Radio).* our ARRL Directors, and the response of many clubs and individuals sponsoring hamfests each year.

Dealers and Venders Use The Repeater Journal Calendar to Map Plans for Attending New Shows. Is yours listed?

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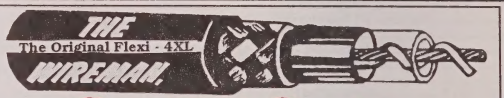

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X-500HNA

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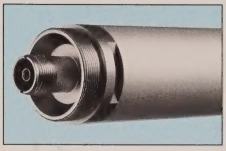

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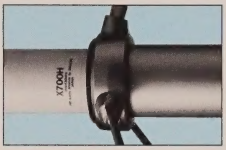

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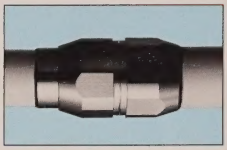


STRONG JOINT COUPLINGS

X series

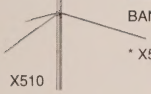
MODEL	BAND(MHz)	GAIN(dBd.)	WATTS	CONN.	HT. Ft.	RATED WIND/ MPH
X-50A	144/440	4.5/7.2	200	UHF	5.6	135
X-200A	144/440	6.0/8.0	200	UHF	8.3	112
X-300A	144/440	6.5/9.0	200	UHF	10.2	112
X-510NA	144/440	8.3/11.7	200	N	17.2	90
X-510MA	144/440	8.3/11.7	200	UHF	17.0	90
X-500HNA	144/440	8.3/11.7	200	N	17.8	90+
X-700HA	144/440	9.3/13.0	200	UHF	24.0	90
X-2200A	144/222	6.0/7.8	150	UHF	11.5	112
X-3200A	144/222/440	6.0/7.8/8:0	100/200	N	10.5	112
X-6000A	144/440/1240	6.5/9.0/10.0	100/100/60	N	10.5	112

147MHz

445MHz

RADIATION PATTERNS FOR X-500HNA/X-500MA/X-510NA

BAND: 144=144 - 148MHz. 222=222 - 225MHz. 420=420 - 430MHz.
430=430 - 440MHz. 440=440 - 450MHz. 1240=1240 - 1300MHz.
* X510NJ :144 - 147 / 430 -440MHz



X510

GH/F/U&V series

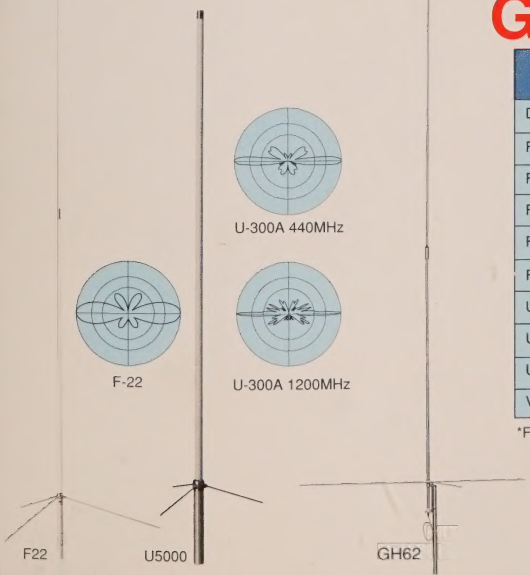
MODEL	BAND(MHz)	GAIN(dBd.)	WATTS	CON N.	HT. Ft.	RATED WIND/ MPH
DP-GH62	50	6.0	200	UHF	21.0	78
F-22A	144	6.7	200	UHF	10.5	112
F-23A	144	7.8	200	UHF	15.0	90
F-142A	222	5.5	200	UHF	6.0	110
F-718A*	440	11.5	250	N	15.0	110
F-1230A	1240	13.5	100	N	10.5	90
U-200A	440/1240	8.3/11.7	100	N	5.9	135
U-300A	440/1240	8.6/13.2	100	N	8.3	110
U-5000A	144/440/1240	4.5/8.3/11.7	100	N	5.9	135
V-2000A	50/144/440	2.1/6.2/8.4	150	UHF	8.3	110

*F-718A:440 - 450MHz, F-718J:430 - 440MHz, F-718L:420 - 430MHz

U-300A 440MHz

F-22

U-300A 1200MHz



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